

VICE CHANCELLOR FOR FINANCE AND ADMINISTRATION

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February 16, 2015

Air and EPCRA Enforcement Branch U.S. EPA – Region IV 61 Forsyth Street Atlanta, Georgia 30303

Subject:

Annual Title V Compliance Certification

The University of North Carolina at Chapel Hill

Chapel Hill, North Carolina Title V Air Permit No. 03069T32

Dear Sir/Madam:

Please find enclosed two (2) copies of the Title V Annual Compliance Certification for calendar year 2014 for The University of North Carolina at Chapel Hill. This compliance certification covers the period from January 1, 2014 through December 31, 2014. The compliance certification for this period includes the N.C. Division of Air Quality's (DAQ) Annual Compliance Certification Form, Compliance Summary Report (table), and Deviation Summary Report. Two Semi-Annual Summary Reports of monitoring, recordkeeping, and reporting activities for the same reporting period were submitted separately to Stephen Hall, NC DENR Department of Air Quality, on July 15, 2014 and January 16, 2015.

Sincerely,

Mathew Fajagk

Vice Chancellor for Finance and Administration

Enclosures

Division of Air Quality Annual Compliance Certification Form¹

Facility Name:	The University of North Carolina at Chapel Hill
Facility Location:	Chapel Hill, North Carolina
Facility ID No:	6800043
Title V Permit Number:	03069T32
Start of Reporting Period:	January 1, 2014
End of Reporting Period:	December 31, 2014
Compliance Statement (Check	
racinitied in the above i	riod specified above, this facility was in compliance with all terms and conditions referenced Title V Operating Permit. As such, there were no deviations ² , excess the reportable incidents including those attributable to equipment malfunction, anditions.
rachtified in the above r	riod specified above, this facility was in compliance with all terms and conditions referenced Title V Operating Permit, EXCEPT for the deviations ² identified in the form. For each permit deviation, the following information is included:
2. Specific perr 3. Description of malfunctions 4. Method used 5. Dates and du 6. Identification preventative	nit/control device identification number(s); nit condition number with a summary of the applicable requirements. of any deviations from the applicable requirements including those attributable to //breakdowns/upset conditions; I to determine facility's compliance status with the specific permit condition; irrations for each episode involving deviation from the applicable requirements; in of the probable cause for the specified deviations and any corrective action or measures implemented; and previously submitted reports which identified the applicable deviations.
Is the above information different to Monitoring Report, Annual Emission	from what is indicated on your most recent Title V Report (i.e. last Semi-Annual ons Inventory, etc)? Yes No X
Are you submitting this Annual Correporting requirements? If so, this c	mpliance Certification form to also fulfill a Title V Semi-Annual Monitoring ertification must be submitted by January 30. Yes No X
Certification by Responsible	
Based on information and belief for	med after reasonable inquiry, the undersigned certifies under penalty of law that ided in this form (including any attachments) are true, accurate, and complete.
Matthew M. Vice Chancelor for Finan	Official) (Date)
Name:	
(Type or Print)	(Type or Print)

Annual compliance certifications are required pursuant to federal rule 40 CFR 70.6 (c), state rules 15A NCAC Sections 2Q.0508(t) and 2Q.0508(bb), and Section 3 – General Condition P of the Title V Operating Permit. A copy of each annual compliance certification is to be submitted to both the North Carolina Division of Air Quality and the U.S. EPA (U.S. EPA Region 4, Air Enforcement Section, Mail Code:4APT-AEEB, 61 Forsyth Street S.W., Atlanta, GA 30303).

² For the purposes of this form, the term 'deviation' means any action or circumstances not in accordance with the terms and conditions of the Title V Operating Permit including those attributable to equipment malfunction, breakdown, or upset conditions and/or excess emissions events. The acknowledgement of deviations from specific permit requirements is not necessarily an acknowledgement of a violation. However, failure to report any and all deviations may constitute a violation of the Title V Operating Permit and the underlying emission standard.

North Carolina Department of Environment and Natural Resources Division of Air Quality

COMPLIANCE SUMMARY REPORT

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	Recordkeeping	N/A	YES	NO	firing [2Q .0508(f)]	2.1.A.4.f 6	ES-001	Boiler #6
incorporated into permit	CPMS 6	N/A	N/A	NO	established operating limit [2D .1109] No testing required for nat, eas and #2 oil	2.1 A.4.c	ES-001	Boiler #6
	COMS	N/A	YES	NO	Sorbent injection rates must meet	S	13-001	
	THE CONTRACTOR				visible emissions shall not exceed 20 percent opacity when averaged over a six		FCJ001	Boiler #6
	Recordbeening	N/A	YES	NO	Monthly use rates of all fuels shall be recorded [2D .1109]	2.1.A.4.c	ES-001	Boiler #6
	Ά	N/A	YES	NO	in permit [2D .1109]	2.1.A.4.b	ES-001	Boiler#6
Comply with Federal Boiler MACT beginning 5/23/2019		AIN	YES	NO	Must comply with Section 112(j) MACT provisions until 5/22/2019 [2D .1109] Must comply with 112(j) HAD limits listed	2.1A4a	ES-001	Boiler #6
	Recordseeping	N/A	YES	NO	submitted semi-annually [2Q_0508(f)]	2.1.A.3.d s	ES-001	Boiler #6
	Recordkeeping	AW	YES	No	.0508(f)]	2.1.A.3.c	ES-001	Boiler #6
	Recordkeeping	N/A	YES	NO	Condition II [2Q .0508(f)]	2.1.A.3.b	ES-001	Boiler #6
	CEMS	AIN	YES	NO	.0516]	2.1.A.3.a	ES-001	Boiler #6
	Recordkeeping	A/N	YES	NO	[2Q .0508(f)]	2.1.А.2.Ь.іі	ES-001	Boiler #6
	Recordkeeping	AIN	YES	NO	quarterly [2Q .0508(f)]	2.1.A.2.h.i	ES-001	Boiler #6
	Recordkeeping	N/A	YES	NO	Daily use of all fuels shall be recorded when firing coal or oil [2Q0508(f)]	2.1.A.2.g	ES-001	Boiler #6
	CEMS	N/A	YES	No	opacity [2Q .0508(f)]	2.1 A.2.f	ES-001	Boiler #6
	CEMS	A/N	YES	NO	percent opacity when averaged over a six minute period [2D .0524] CEMs shall be installed for SO2 NOv and	2.1.A.2.c	ES-001	Boiler#6
En = (ELgoHgo + ELcHe) / (Hgo + Hc)	CEMS	A/N	YES	NO	formula listed in comments when firing combined fuels [2D .0524] Visible missions shall not record 20	2.1 A.2.d iii	ES-001	Boiler #6
	CEMS	AIN	YES	NO	Ib/MMBtu when firing FO #2 or natural gas [2D .0524] NOx emissions shall not be in access of	2.1 A.2.dii	ES-001	Boiler #6
	CEMS	A/N	YES	NO	lb/MMBn when firing coal only [2D_0524] NOv emissions shall not exceed 0.1	2.1 A.2.di	ES-001	Boiler #6
Es = (KaHa + KbHb) / (Ha + Hb)	CEMS	NIA	YES	No	of potential emission rate or 0.2 Ib/MMBtu, and shall not contain SO2 in excess of formula in comments [2D .0524] NOx emissions shall not axceed 0.6	2.1.A.2.c	ES-001	Boiler #6
	COMS	A/N	YES	NO	Ib/MMBtu when firing coal, or 0.10 Ib/MMBtu when firing wood alone or in combination with FO#2 or natural gas [2D_0524] SO2 emissions shall not exceed 10 percent	21.425	ES-001	Boiler #6
	CEMS/Recordkeeping	N/A	YES	NO	Permittee shall comply with all applicable provisions in Subpart Db [2D .0524] PM emissions shall not exceed 0.051	21A2a	ES-001	Boiler #6
	Recordkeeping	AIN	YES	NO	submitted semi-annually [2Q .0508(f)]	2.1.A.1.d	ES-001	Boiler #6
	Recordkeeping	N/A	YES	No	Monthly hat. gas use shall be recorded [2Q .0508(f)]	2.1.A.1.c	ES-001	Boiler #6
	Recordkeeping	N/A	YES	NO	Condition JJ [2D .0501(c)(3)]	2.1.A.1.b	ES-001	Boiler #6
Ec =[(0.276)(Qw) + (0.174)(Qo)]/Qt	COMS	A/N	YES	NO	Particulate emissions shall not exceed prorated rate based on equation in comments [2D 0503(a)]	2.1 A.1 a	ES-001	Boiler #6
Comments	Method(s) of Determining Compliance Status	compliance issue? (Yes / No)	Maintained? (Yes/No/NA)	Deviations? (Yes / No)		Permit Condition Number	Device ID Number(s)	Emission Source Description
		W. A. W.	Baronda		Terms and Conditions		6	

Boiler #6	Boiler #6	Boiler #6	Boiler #6	Boiler #6		Boiler #6	Boiler #6	Boiler #6	Boiler #6	Boiler #6	Boiler #6	Boiler #6	Boiler #6	Boiler #6	Boiler #6	DOLLET 40	Boiler #6	Boiler #6	Boiler #6	Boiler #6	Boiler #6	Boiler #6	Boiler #6	Boiler #6	Boiler #6	Boiler#6	Emission Source Description
ES-001	ES-001	ES-001	ES-001	ES-001	E3-001	ES 001	1500	ES-001	ES-001	ES-001	ES-001	ES-001	ES-001	ES-001	ES-001	ES-001	E3-001	FG 22	ES-001	ES-001	ES-001	ES-001	ES-001	ES-001	ES-001	ES-001	Source or Control Device ID Number(s)
2.1.A.4 m.v. C	2.1.A.4.m.iv. 63	2.I.A.4.m.iii av	2.1 A.4.m.ii C	2.1.A.4.m.i P	2.1.A.4.m.			2.1.A.4.kviii.	2.1.A.4 kvii.	2.1.A.4.kvi.	21A4kv.	2.1.A.4.k iv.	2.1.A.4.kiii	2.1.A.4.kii	2.1.A.4.k.i	21A4k	2.1.A.4.		21 A 4 i iii	2.1.A.4.iii	2.l A 4.ii	21A4i	2.1 A.4 h ii	21.А.4.ы	2.1.A.4.h	21.A.4.g	Permit Condition Number
Monitor opacity continously except during COMS repair, I/M, QA/QC [2Q, 0508(f)]	63.8(g)(2)[2Q .0508(f)]	operation every 10-sec and record 6-min, averages [2Q .0508(f)]	Must conduct performance evaluation of COMS per 63.8 and PS1 [2Q .0508(f)]	PS1 [2Q_0508(f)]	[2Q .0508(f)] COMS must be installed and operated nor	Must install and operate an opacity COMS	An O2 from analyzer system may be used for CO compliance monitoring in lieu of a	A 30-day avg. CO emission rate above CO limit will be a violation [2Q .0508(f)]	CEMs repair, I/M, QA/QC, or <50% source operating load [2Q .0508(f)]	Monitor CO continously except during CEMs repair, I/M, QA/QC [2Q .0508(f)] Do not use CO data obtained during	Must calculate and record 30-day rolling avg. CO emission rate [2Q .0508(f)]	63.8(g)(2)[2Q .0508(f)]	operation every 15-minutes[2Q .0508(f)] CO CEMS data must reduced per 40 CEP	Must conduct performance evaluation of CO CEMS [2Q .0508(f)]	CO CEMS must be installed and operated per PS3 or PS4A [2Q .0508(f)]	.0508(f)	Prior to initial test [2Q .0508(f)] Must install a CO and O2 CEMs [20	Submit 112(j) monitoring plan 60-days	If a test is >80% of limits, resume annual	If 3 consecutive tests are <80% of limits, test every 36-months [2D . 1109]	Less frequent testing, if 3 consecutive tests are <80% of limits [2D.1109]	Conduct additional annual performance test every 11-13 months, with test report to DAQ within 60-days [2D .1109]	If previous testing used to set sorbent operating limit, submit application prior to compliance date [2D.1109]	Submit permit application for sorbent injection operating limit within 60-days of DAQ approval of test [2D.1109]	Establish sorbent injection operating limit during performance test [2D.1109]	Conduct intial performance test within 180- days of compliance date [2D , 1109]	Terms and Conditions Condition Summary
NO	NO	NO	NO	NO	NO	NO		N/A	N/A	N/A	NIA	NIA	NIA	N/A	N/A	NIA	NO	NO		N N	NO	YES	NO	NO	NO	NO	Deviations? (Yes / No)
YES	YES	YES	YES	YES	YES	YES	11222	N _A	N/A	AW	NA	NIA	N/A	N/A	N/A	N/A	YES	N/A	- Aug	N/A	N/A	YES	NIA	NIA	YES	YES	Records Maintained? (Yes/No/NA)
AIN	N/A	NIA	N/A	NIA	N/A	N/A		N/A	N/A	NIA	ANA	A/N	N/A	AIN	N/A	N/N	NIA	AIN	VA	N/A	AIN	NO.	Ain	A/N	N/A	A/N	Was Deviation a non- compliance issue? (Yes / No)
Recordiceping	Recordsceping	Recordkeeping	Recordkeeping	Recordkeeping	Recordkeeping	Recordkeeping	NA.	N/A	A/N	AIN	N/A	A/N	AIN	AIN	AIN	AIN	Recordkeeping	N/A	N/A	¥III	NIA	Recordscening	AW	A/N	Recordkeeping	Recordkeeping	Method(s) of Determining Compliance Status
						still pending	DAQ approval of 12/17-18/14 test									O2 trim monitored in lieu of a CO CEMS system	SSMP submitted in April 2013					lst annual CO test not completed within 11-13 months (see Deficiency	Previous testing not used to set sorbent injection operating limit	DAQ approval of 12/17-18/14 test	Sorbent injection monitored during 12/17-18/14 testing performed at >90% boiler load	Initial testing performed July 9-10, 2013	Comments

			Terms and Conditions					
Emission Source Description	Source or Control Device ID Number(s)	Permit Condition Number	Condition Summary	Deviations? (Yes / No)	Records Maintained? (Yes/No/NA)	Was Deviation a non- compliance issue? (Yes / No)	Method(s) of Determining Compliance Status	Comments
Boiler #6	ES-001	2.1.A.4 m.vi.	Include all COMS QA/QC procedures and acceptance criteria in the monitoring plan [2Q .0508(f)]	No	YES	N/A	5	
Boiler #6	ES-001	2.1.A.4.m.vii.	Operate COMS per monitoring plan and report out-of-control times [20 .0508(f)]	No	VEC		vecoloreching	
Boiler #6	ES-001	2.1.A.4.m.viii.	Record all 6-min, avg., opacities for all COMS in-control periods [20, 0508/f)]	NO NO	VEC			
Boiler #6	ES-001	2.1.A.4.n.	Must install and operate a sorbent injection CPMS [2Q .0508(f)]	NO	YES	NIA	Recordsceping	
Boiler #6	ES-001	2,1.A.4 n.i	Sorbent CPMS must be located to provide representative data [2Q_0508(f)]	NO	YES	N/A	Recordicening	
Boiler #6	ES-001	2.1.A.4.n.ii	Install and calibrate sorbent CMPS per manufacturer instructions [2Q .0508(f)]	NO	YES	AIN	Recordkeeping	
Boiler #6	ES-001	2.1.A.4.n.iii	Calibrate sorbent CMPS annually per manufacturer instructions [2Q .0508(f)]	NO	YES	AIN	Recordkeeping	
Boiler #6	ES-001	2.1.A.4.n.iv.	CPMS must complete one cycle of operation every 15-minutes[2Q_0508(f)]	NO	YES	N/A	Recordkeeping	
Boiler #6	ES-001	2.1.A.4.n.y.	Monitor continously except during CPMS repair, I/M, QA/QC [2Q .0508(f)]	No	YES	NIA	Recordkeeping	
Boiler #6	ES-001	2.1.A.4.n.vi.	Do not use data obtained during CPMS repair, I/M, or QA/QC [2Q .0508(f)]	NO	YES	NIA	Recordkeeping	
Boiler #6	ES-001	2.I.A.4 n.vii.	[2Q .0508(f)]	NO	YES	AIN	Recordkeeping	
Boiler #6	ES-001	2.1.A.4.n.viii.	Xeep record of all CPMS I/M, QA/QC, and repair activities [2Q.0508(f)]	NO	YES	AIN	Recordkeeping	
Boiler #6	ES-001	2.1.А.4 л.іх.	A 3-tr block avg. injection rate below the operating limit is a violation [2Q. 0508(f)] If <10% coal/wood firingand no	NO	N/A	N/A		Sorbent injection operating limit not yet incorporated into permit
Boiler #6	ES-001	2.1.A.4.o.	CEMS/CPMS monitoring, conduct annual I/M [2Q .0508(f)] Inspect and clean burners as necessary [20]	NO	YES	N/A	Recordkeeping	This operating scenario did not occur in 2014
Boiler #6	ES-001	2.1.A.4.o.i.	.0508(f)] Inspect and adjust flame pattern as	NO	YES	N/A		
Double #0	FS-001	2.1 A.4 o.ii.	Inspect and clean burners as necessary (20)	NO	YES	N/A	Recordkeeping	
Doller #0	ES-001	2.1.A.4.o.iii.	.0508(f)]	NO	YES	AIN	Recordkeeping	

			Terms and Conditions					
Emission Source Description	Source or Control Device ID Number(s)	Permit Condition Number	_	Deviations? (Yes / No)	Records Maintained? (Yes/No/NA)	Was Deviation a non- compliance issue? (Yes / No)	Method(s) of Determining Compliance Status	Comments
Boiler #6	ES-001	2.1.A.4.o.iv.	Conduct at least one annual tuneup per vear [20 .0508(f)]	S C	VEC	NIA.	7	
Boiler #6	ES-001	2.1.A.4.p.	Keep records of all boiler I/M and repair activities [2Q .0508(f)]	NO I	YES	N/A	Recording	
Boiler #6	ES-001	2.1.A.4.p.i	I/M records must record date of each I/M action [2Q .0508(f)]	NO	YES	N/A	Recordkeeping	
Boiler #6	ES-001	2.1.A.4.p.ii.	I/M records must record results of each inspection action [2Q .0508(f)]	NO	YES	N/A	Recordkeeping	
Boiler #6	ES-001	2.1.A.4.p.iii	I/M records must record results of each maintenance action [20 0508(f)]	5	YES	NII.		
Boiler #6	ES-001	2.1.A.4.q.	Records of all notifications including Notification of Compliance Status [2Q 0508(f)]	NO I	YES	N/A	Recordkeeping	
Boiler #6	ES-001	2.1.A.4.r.	Records of all performance tests or other compliance demonstrations [2Q .0508(f)]	NO	YES	N/A	Recordkeening	
Boiler #6	ES-001	2.1.A.4.s.	Records for all CEMS, CPMS, COMS [2Q .0508(f)]	NO	YES	A/N	Recordsceping	
Boiler #6	ES-001	2.1.A.4.s.i.	Records of all measurements to demonstrate compliance [2Q .0508(f)]	NO	YES	N/A	Recording	***
Boiler #6	ES-001	2.1.A.4.s.ii.	Records of all CMS out-of-control periods [2Q.0508(f)]	NO	YES	NIA	Personalization	
Boiler #6	ES-001		Records of all CMS calibration checks [2Q .0508(f)]	NO	YES	N/A	Recordsorping	
Boiler #6	ES-001		Records of all adjustments and maintenance on CMS [2Q .0508(f)]	NO	YES	N/A	Recordsceping	
Boiler #6	ES-001	2.1 A.4.t	.0508(f)]	NO	YES	NIA	Recordkeeping	
Boiler #6	ES-001	2.1.A.4.u	If permittee limits any 12-mo. avg. fuel use to <10% of HI, maintain fuel-specific records monthly [2Q .0508(f)]	A/A	×	X X	NIA.	No fuels are permitted for <10%
Boiler #6	ES-001		Record fuel use by each source during previous month [2Q .0508(f)]	N/A	ΑΊΝ	AIN	N/A	Principle P. P.
Boiler #6	ES-001	2.1 A.4 u.ii.	Calculate the 12-month average heat input for each fuel monthly [2Q .0508(f)]	NIA	NIA	AIN	AIN	
Boiler #6	ES-001	21A4v.	Must submit a Notification of Compliance Status (NOCS) within 60-days of performance tests [2Q .0508(f)]	NO NO	YES	N/A	enino	Elocada de presidente social
Boiler #6	ES-001	2.1.A.4.v.i. s	source [2Q .0508(f)]	NO	YES	N/A		
Boiler #6	ES-001	2.1.A.4.v.ii.	NOCS must include desciption of test results and fuel analyses [2Q .0508(f)]	NO	YES	A/N	Recordkeeping	

			Terms and Conditions		,			
Emission Source Description	Device ID Number(s)	Permit Condition Number		Deviations? (Yes / No)	Maintained? (Yes/No/NA)	compliance issue? (Yes / No)	Method(s) of Determining Compliance Status	Comments
Boiler #6	ES-001	2.1.A.4.v.iii.	NOCS must specify whether complying with PM or TSM limits [2Q_0508(f)]	NO	YES	A/N	Recordicening	
Boiler #6	ES-001	2.1.A.4.v.iv.	NOCS must specify whether performing stack tests or fuel analysis [2Q .0508(f)]	NO	YES	A/N	Recordkeeping	
Boiler #6	ES-001	2.1.A.4.v.v.	NOCS must specify whether facility is using errissions averaging [20 .0508(f)]	N O	YFS	V/N		
Boiler #6	ES-001	2.1 A.4 v.vi.	NOCS must include a signed RO compliance certification [2Q_0508(f)]	NO	YES	N/A	Recordkeeping	
Boiler #6	ES-001	2.1.A.4.v.vii.	NOCS must include CO emissions for CO work practice limit [20, 0508(f)]	Š	VEC	WIN		
Boiler #6	ES-001	2.1 A.4.v.viii	NOCS must certify if only n.gas and #2 oil are fired in source [20, 0508/f)]	NO.	VEC	N	Accordateching	
Boiler #6	ES-001	2.1.A.4.w.	Permittee must submit semiannual compliance reports [2Q .0508(f)]	NO	YES	N/A	Recordiceping	
Boiler #6	ES-001	2.1 A.4.w.i.	Semiannual reports must include facility name and address [2Q .0508(5)]	NO	YES	NIA	Recordkeeping	
Boiler #6	ES-001	2.1.A.4.w.ii.	Semiannual reports must include signed certification by RO [2Q .0508(f)]	NO	YES	NIA	Recordkeeping	
Boiler #6	ES-001	2.1 A 4.w.iii.	Semiannual reports must include date and period covered by report [2Q .0508(f)]	NO	YES	NIA	Recordicening	
Boiler #6	ES-001	2.1.A.4.w.iv.	Semannual reports must include monthly fuel useage [2Q .0508(f)]	NO	YES	N/A	Recordkeeping	
Boiler #6	ES-001	2.1 A.4 w.y.	of performance test and operating limits [2Q_0508(f)]	No	YES	AIN	Recordioening	12/17-18/14 performance test has not yet been approved by DAQ. Operating limits not cetablished
Boiler #6	ES-001	2.1.A.4.w.m	Semiannual reports must include statement of no new fuels used [2Q_0508(f)]	NO	YES	AIN	Recordicening	
Boiler #6	ES-001	2.1.A.4.w.vii.	startup, shutdown, malfunction excess consission eyent (2Q. 0535)	NO	YES	N/A	Recordkeening	
Boiler #6	ES-001	2.1 A.4 w.viii.	If applicable, semiannual reports should include statement of no deviations [2Q .0508(f)]	NO	YES	N/A	Recordiceping	
Boiler #6	ES-001	2.1 A.4.w.ix.	If applicable, semiannual reports should include statement of no out-of-control periods for CMS [2Q_0508(f)]	NO N	YES	N/A	Recordseening	
Boiler #6	ES-001		Semuannual reports must identify any deviations from permit requirements [2Q .0508(f)]	š	YES	N/A	a a a a a a a a a a a a a a a a a a a	
Boiler #6	ES-001		Projected NOx emissions when burning wood-fuels based on 80% coal/20% wood mix. [2D .0530(a)]	š į	YES	N/A	Kecordkeeping	
Boiler #6	ES-001		Emission testing shall comply with General Condition II [2D .0508(f)]	NO	YES	N/A	Recordkeeping	

			Terms and Conditions	-				
Emission Source Description	Source or Control Device ID Number(s)	Permit Condition Number	Condition Summary	Deviations? (Yes / No)	Maintained? (Yes/No/NA)	compliance issue? (Yes / No)	Method(s) of Determining Compliance Status	Comments
			NOx emissions shall be calculated and recorded annually for five years [2D]					
Boiler #6	ES-001	2.1.A.5.c.	.0530(a)] NUX emission reports shall be submitted	NO	YES	N/A	Recordkeeping	
		(All the second	within 60-days of end of calendar year [2D]					
Boiler #6	ES-001	2.1.A.5.d.	.0530(a)]	NO	YES	N/A	Recordkeeping	
			Particulate emissions shall not exceed					
Boiler #7	ES-002	21A.1a	prorated rate based on equation in comments [2D .0503(a)]	S	YES	N/A	COMS	Ec =[(0.276)(Q _{tV}) + (0.174)(Qo)]/Qt
Boiler #7	EGLOO	21116	Emission testing shall comply with General	100				
	200 000	4.1.0.1.0	Monthly nat leas use shall be recorded [20]	NO	123	N/A	Kecordkeeping	
Boiler #7	ES-002	2.1.A.1.c	.0508(f)]	NO	YES	N/A	Recordkeeping	
Boiler #7	ES-002	2.1.A.1.d	Fuel usage summary reports shall be submitted semi-annually [2Q .0508(f)]	No	YES	N/A	Recordkeening	
Boiler #7	ES-002	21 A 2 a	Permittee shall comply with all applicable provisions in Subpart Db [2D 0524]	Š	VEC	NIA	CENCO	
			PM emissions shall not exceed 0.051 lb/MMBtu when firing coal, or 0.10 lb/MMBtu when firing wood alone or in					
Boiler #7	ES-002	2.1.A.2.b	[2D .0524]	NO	YES	N/A	COMS	
			SO2 emissions shall not exceed 10 percent of potential emission rate or 0.2 lb/MM/Btu, and shall not contain SO2 in				,	Fe = (K+H+ + K+H+) / (H+ + H+)
Boiler #7	ES-002	2.1.A.2.c	excess of formula in comments [2D .0024]	NO	YES	N/A	CEMS	
			NOx emissions shall not exceed 0.6 lb/MMBtu when firing coal only					
Boiler #7	ES-002	2.1.A.2.d.i	2D .0524]	NO	YES	N/A	CEMS	
5	3		NOx emissions shall not exceed 0.1 lb/MMBtu when firing FO #2 or natural	8				
	700-67	7.1.7.4.1	NOx emissions shall not be in excess of	No	YES	NA	CEMS	
Boiler #7	ES-002	2.1.A.2.d.iii	formula listed in comments when firing combined fuels [2D .0524]	NO ,	YES	N/A	CEMS	En = (ELgoHgo + ELcHc) /
			Visible emissions shall not exceed 20 percent opacity when averaged over a six					
Boiler #7	ES-002	2.1.A.2.c	ninute period [2D .0524]	NO	YES	N/A	COMS	
Boiler #7	ES-002		CEMs shall be installed for SO2, NOx, and opacity [2Q .0508(f)]	NO	YES	AW	CEMS	
Boiler #7	ES-002	2.1.A.2.e	Daily use of all fuels shall be recorded when firing coal or oil [20,0508(f)]	NO .	ΥES	NIA	Paradian	
Boiler #7	ES-002		Excess emission reports shall be submitted quarterly [2Q .0508(f)]	NO	YES	N/A	Recordseping	
							Sindannianian	

Emission Source Description			and Continues	Deviations	Records	Was Deviation a non-	
	T _	Number	· Condition Summary	(Yes / No)	Maintained? (Yes/No/NA)	compliance issue? (Yes / No)	ssue?
Boiler #7	ES-002	2.1.A.2.h.ii	Records shall be maintained for two years [2Q .0508(f)]	No	YES	AUX.	
Boiler #7	ES-002	2.1.A.3.a	SO2 shall not exceed 2.3 lb/MMBtu [2D .0516]	NO	YES	NIA	
Boiler #7	ES-002	2.1.A.3.b	Emission testing shall comply with General Condition JJ [2Q .0508(f)]	NO	YES	N/A	
Boiler #7	ES-002	2.1.A.3.c	Monthly nat. gas use shall be recorded [2Q .0508(f)]	NO	YES	N/A	
Boiler #7	ES-002	2.1.A.3.d	submitted semi-annually [2Q .0508(f)]	NO	YES	NA	A
Boiler #7	ES-002	2.1 A.4.a	Must comply with Section 112(j) MACT provisions until 5/22/2019 [2D .1109]	NO	YES	z	NIA
Boiler #7	ES-002	2.1.A.4.b	in permit [2D .1109]	NO	YES		NA
Boiler #7	ES-002	2.1 A.4.c	Monthly use rates of all fuels shall be recorded [2D .1109]	NO	YES		NIA
Boiler #7	ES-002	2.I.A.4.d	percent opacity when averaged over a six minute period [2D . 1109]	NO	YES	NA A	>
Boiler #7	ES-002	2.1 A.4.c	established operating limit [2D .1109] No testing required for nat gas and #2 oil	NO	N/A	N/A	
Boilet #/	ES-002	2.1.A.4.f	firing [2Q .0508(f)]	NO	YES	AN	
Boiler #7	ES-002	2.1A.4.8	Conduct inital performance test within 180- days of compliance date [2D .1109]	NO	YES	NIA	
Boiler #7	ES-002	2.1 A.4 h	Establish sorbent injection operating limit during performance test [2D .1109]	NO	YES	NIA	
Boiler #7	ES-002	2.1 A.4 hi	Submit permit application for sorbent injection operating limit within 60-days of DAQ approval of test [2D .1109]	NO	NIA	NIA	>
Boiler #7	ES-002	2.1 A.4 h ii	If previous testing used to set sorbent operating limit, submit application prior to compliance date [2D. 1109]	NO	AIN	z :	N/A
Boiler #7	ES-002	2.1. 4. j	Conduct additional annual performance test every 11-13 months, with test report to DAQ within 60-days [2D, 1109]	YES	YES	,	Š

			Terms and Conditions		,			
Emission Source Description	Device ID Number(s)	Permit Condition Number	Condition Summary	Deviations? (Yes / No)	Maintained? (Yes/No/NA)	compliance issue? (Yes / No)	Method(s) of Determining Compliance Status	Comments
Boiler #7	ES-002	2.1.A.4.ii	Less frequent testing, if 3 consecutive tests are <80% of limits [2D .1109]	ON	AIN	ΑΊΝ	AIN .	
Boiler #7	ES-002	21 A 4 i ii	If 3 consecutive tests are <80% of limits, test every 36-months (2D 1100)	š	XII.	Í		
Boiler #7	EC.002	3144:	If a test is >80% of limits, resume annual			, and	VAN	
	2000	11.0.1.4	Submit 112(j) monitoring plan 60-days	NO	NA	A/N	N/A	
Boiler #7	ES-002	2.1.A.4.j.	prior to initial test [2Q .0508(f)]	NO	YES	N/A	Recordkeeping	SSMP submitted in April 2013
Boiler #7	ES-002	2.1.A.4.k	.0508(f)]	N/A	N/A	N/A	AIN	O2 trim monitored in lieu of a CO CEMS system
Boiler #7	. ES-002	2.1.A.4ki	CO CEMS must be installed and operated per PS3 or PS4A [2Q .0508(f)]	N/A	N/A	A/N	VIN	
Boiler #7	ES-002	2.1.A.4.kii	Must conduct performance evaluation of CO CEMS [2Q .0508(f)]	NIA	N/A	N/A	AIN	
Boiler #7	ES-002	2.1.A.4.kiii	CO CEMS must complete one cycle of operation every 15-minutes[2Q .0508(f)]	N/A	NIA	NIA	NIA	
Boiler #7	ES-002		CO CEMS data must reduced per 40 CFR 63.8(g)(2)[2Q .0508(f)]	N/A	N/A	AIN	N/A	
Boiler #7	ES-002	· 2.1.A.4.k.v.	Must calculate and record 30-day rolling avg., CO emission rate [2Q .0508(f)]	N/A	N/A	AIN	N/A	
Boiler #7	ES-002	2.1.A.4.kvi.	Monitor CO continously except during CEMs repair, 1/M, QA/QC [2Q, 0508(f)]	N/A	N/A	N/A	NIA	
Boiler #7	ES-002	2.l.A.4kvii.	Do not use CO data obtamed during CEMs repair, I/M, QA/QC, or <50% source operating load [2Q_0508(f)]	AIN	N/A	A/N	NIA	
Boiler #7	ES-002	2.1.A.4.k.viii.	A 30-day avg. CO emission rate above CO limit will be a violation [2Q .0508(f)]	N/A	AVA	A/N	NA	
Boiler #7	ES-002	2.1.A.1.	An O2 trum analyzer system may be used for CO compliance monitoring in lieu of a CO CEMS [2Q .0508(f)]	NO	YES	N/A	Ding.	DAQ approval of 12/17-18/14 test report to set 02 trim operating limit still pending
Boiler #7	ES-002	2.1.A.4.m.	[2Q .0508(f)]	NO	YES	N/A		O2 trim monitored in lieu of a CO CEMS system
Boiler #7	ES-002	2.1 A.4 m.i	PS1 [2Q .0508(f)]	NO	YES	N/A		

			Terms and Conditions					
Emission Source Description	Source or Control Device ID Number(s)	Permit Condition Number	-	Deviations? (Yes / No)	Records Maintained?	Was Deviation a non- compliance issue?	Method(s) of Determining	Comments
					(TOWNS)	(res/No)	The state of the s	
Boiler #7	ES-002	2.1.A.4.m.ii	Must conduct performance evaluation of COMS per 63.8 and PS1 [20] 0508(6)	5				
			COMS must complete one cycle of	NO	YES	AIN	Recordkeeping	
Boiler #7	ES-002	2.1.A.4.m.iii	operation every 10-sec and record 6-min. averages [2Q_0508(f)]	NO	VEC	ĭ.		
Boiler #7	ES-002	2.1.A.4 m.iv.	COMS data must reduced per 40 CFR 63.8(g)(2)[2Q_0508(f)]	NO	YES .	NA	Recordkeeping	
Boiler #7	ES-002	2.1 A 4 m v	Monitor opacity continously except during	i			vecoloreching	
			Include all COMS QA/QC procedures and	NO	YES	N/A	Recordkeeping	
Boiler #7	ES-002	2.1 A 4 m.vi.	[2Q_0508(f)]	NO	YES	NIA	J	
Boiler #7	ES-002	2.1 A.4 m.vii	Operate COMS per monitoring plan and report out-of-control times [2Q_0508(f)]	NO	YES	N/A	B	
Boiler #7	ES-002	2.1 A.4 m.viii.	Record all 6-min, avg, opacities for all COMS in-control periods [20, 0508(f)]	5	VEC		Sudaman	
Boiler #7	ES-002		Must install and operate a sorbent injection		IES	NA	Recordkeeping	
			CFMS [2Q.0508(t)]	NO	YES	N/A	Recordkeeping	
Boiler #7	ES-002	2.1A4.ni	Sorbent CPMS must be located to provide representative data [2Q .0508(f)]	NO	YES	N.	B	
Boiler #7	ES-002	2.1 А.4 л. іі	Install and calibrate sorbent CMPS per manufacturer instructions [2Q_0508(f)]	NO	YES	N/A	Recording:	
Boiler #7	ES-002	21A4niii	Calibrate sorbent CMPS annually per manufacturer instructions [2Q .0508(f)]	NO	YES	N/A	Becont	
Boiler #7	ES-002	2.I.A.4.n.iv.	CPMS must complete one cycle of operation every 15-minutes[2Q .0508(f)]	NO NO	YES	N/A	Paccellania	
Boiler #7	ES-002	2.1.A.4.n.v.	Monitor continously except during CPMS repair, I/M, QA/QC [2Q .0508(f)]	NO	YES	NIA	Recordkeeping	
Boiler #7	ES-002	21A4n.vi.	Do not use data obtained during CPMS repair, UM, or QA/QC [2Q .0508(f)]	NO	YES	N.		
Boiler #7	ES-002	2.1.A.4.n.vii.	(2Q .0508(f)]	NO	YES	N/A	Recordiceping	
Boiler #7	ES-002	2.1.A.4.n.viii. a	Keep record of all CPMS L/M, QA/QC, and repair activities [2Q, 0508(f)]	N N	YES	1	Surdaymenay	
				1.00	623	N/A	Recordicerning	

			Terms and Conditions	2000 Sept. (1980)				
Emission Source Description	Source or Control Device ID Number(s)	Permit Condition Number		Deviations? (Yes / No)	Maintained? (Yes/No/NA)	Was Deviation a non- compliance issue? (Yes / No)	Method(s) of Determining Compliance Status	Comments
Boiler #7	ES-002	2.1.A.4.n.ix.	A 3-hr block avg. injection rate below the operating limit is a violation [2Q .0508(f)]	NO	AIN	N/A	N/A	Sorbent injection operating limit not yet
Boiler #7	ES-002	2.I.A.4.o.	If <10% coal/wood firingand no CEMS/CPMS monitoring, conduct annual I/M [2Q .0508(f)]	NO	YES	NIA		This operating scenario did not occur
Boiler #7	ES-002	2.1.A.4.o.i.	Inspect and clean burners as necessary [2Q .0508(f)]	NO	YES	N/A		
Boiler #7	ES-002	2.1.A.4.o.ii.	Inspect and adjust flame pattern as necessary [2Q .0508(f)]	NO	YES	N/A	Recordkeeping	
Boiler #7	ES-002	2.1.A.4,o.iii.	Inspect and clean burners as necessary [2Q .0508(f)]	NO NO	YES	NIA	Recordicemino	
Boiler #7	ES-002	2.1.A.4.o.iv.	Conduct at leasr one annual tuncup per year [2Q .0508(f)]	NO NO	YES	N/A	Recordiserning	
Boiler #7	ES-002	2.1.A.4.p.	Keep records of all boiler I/M and repair activities [2Q .0508(f)]	NO	YES	N/A	Recordceping	
Boiler #7	ES-002	2.1.A.4.p.i.	action [2Q .0508(f)]	NO	YES	N/A	Recordkeeping	
Boiler #7	ES-002	2.1.A.4.p.ii.	inspection action [2Q .0508(f)]	NO	YES	N/A	Recordseeping	
Boiler #7	ES-002	2.1.A.4.p.iii.	I/M records must record results of each maintenance action [2Q0508(f)]	NO	YES	NIA	Recordkeeping	
Boiler #7	ES-002	2.1.A.4.q.	Records of all notifications including Notification of Compliance Status [2Q .0508(f)]	NO	YES	NIN	Recordkeeping	
Boiler #7	ES-002	2.1.A.4.r.	Records of all performance tests or other compliance demonstrations [2Q_0508(f)]	NO	YES	N/A	Recordkeeping	
Boiler #7	ES-002	2.1.A.4.s.	Records for all CEMS, CPMS, COMS [2Q .0508(f)]	NO	YES	NIA	Recordcoeping	
Boiler #7	ES-002	2.1.A.4.s.i.	Records of all measurements to demonstrate compliance [2Q_0508(f)]	NO O	YES	Niv	Recordicening	
Boiler #7	ES-002	2.1.A.4.s.ii.	Records of all CMS out-of-control periods [2Q .0508(f)]	NO	YES	NIA	Recordkeeping	
Boiler #7	ES-002	2.1.A.4.s.iii.	Records of all CMS calibration checks [2Q] .0508(f)]	N	YES	NA	Recordisering	

50 STORY 15			Ierms and Conditions					
Emission Source Description	Source or Control Device ID Number(s)	Permit Condition Number		Deviations? (Yes / No)	Records Maintained? (Yes/No/NA)	Was Deviation a non- compliance issue?	Method(s) of Determining Compliance Status	Comments
Boiler #7	ES-002	2.I.A.4 s.iv.	Records of all adjustments and maintenance on CMS 120, 0508(6)	No				
Boiler #7	ES-002	2.1.A41.	Records of monthly uscage of all fuels [2Q .0508(f)]	No le	VEC	NA A	Recordkeeping	
			If permittee limits any 12-mo, avg. fuel use			NA	Recordkeeping	
Boiler #7	ES-002	2.1 A.4 u.	to <10% of HI, maintain fuel-specific records monthly [2Q .0508(f)]	NiA	N/A	•		No fuels are permitted for <10%
Boiler #7	ES-002	2 I A 4 n i	Record fuel use by each source during		1900	AW	NA	annual HI
			(1) pace: Na International	N/A	N/A	N/A	N/A	
Boiler #7	ES-002	2.1.A.4.u.ii.	Calculate the 12-month average heat input for each fuel monthly [2Q .0508(f)]	N/A	NIA	N/A	X .	
Boiler #7	ES-002	31 44:	Must submit a Notification of Compliance Status (NOCS) within 60-days of					
Boiler #7	EC 000		NOCS must include description of affected	NO	YES	N/A	Recordkeeping 1	NOCS submitted on 9/9/2013
	200	2.1.A.4.V.I.	source [2Q0508(f)]	NO	YES	N/A		
Boiler #7	ES-002	2.1.А.4.v.іі.	NOCS must include desciption of test results and fuel analyses [2Q .0508(f)]	No	YES	N/A	B	
Boiler #7	ES-002	2.1.A.4.v.ii.	NOCS must specify whether complying with PM or TSM limits [2Q_0508(f)]	NO	YES	N/A	1	
Boiler #7	ES-002	21 A.4.v.iv.	NOCS must specify whether performing stack tests or fuel analysis [20,0508(f)]	NO	YES	NIA	Strong members	
Boiler #7	ES-002	2.1 A.4 v.v.	NOCS must specify whether facility is using emissions averaging [2Q .0508(f)]	Š	VE.		Kindmannik	
Boiler #7	ES-002		NOCS must include a signed RO compliance certification [2Q .0508(f)]	No is	VES	N/A	Recordkeeping	
Boiler #7	ES-002		NOCS must include CO emissions for CO	5 8	Ē	N/A	Recordceping	
Boiler #7	ES-002		NOCS must certify if only n.gas and #2 oil	Š	YES	AIN	Recordkeeping	
Boiler #7	ES-002		Permitte must submit semiannual compliance reports [2Q0508(f)]	NO NO	YES	N/A	Recordkeeping	
Boiler #7	ES-002	2.1 A.4.w.i. n	Semiannual reports must include facility name and address [2Q .0508(f)]	NO	YES	N/A	Nacorak@ping	
				1000	-	CAN	Kecordkeeping	

			Terms and Conditions		Resords	W. D. J. C.		
Emission Source Description	Device ID Number(s)	Permit Condition Number		Deviations? (Yes / No)	Maintained? (Yes/No/NA)	compliance issue? (Yes / No)	Method(s) of Determining Compliance Status	Comments
Boiler #7	ES-002	21.A4.w.ii.	Semiannual reports must include signed certification by RO [2Q .0508(f)]	NO	YES	A/N	Recardkeeping	
Boiler #7	ES-002	2.1.A.4.w.iii.	Semiannual reports must include date and period covered by report [2Q .0508(f)]	No	YES	NIA	The second	
Boiler #7	ES-002	2.1.A.4 w.jv.	Semiannual reports must include monthly fuel useage [2Q .0508(f)]	NO	YES	N/A	Record keeping	
Boiler #7	ES-002	2.1 A.4 w.v.	Semiannual reports must include summary of performance test and operating limits [2Q_0508(f)]	NO	YES	N/A	Recordbassing	12/17-18/14 performance test has not yet been approved by DAQ. Operating
Boiler #7	ES-002	21.A.4.w.vi	Semiannual reports must include statement of no new fiels used [20, 0508(f)]	NO	YEC	NIA	a constant purity	numb not conductabled.
Boiler #7	ES-002	2.1.A.4.w.vii.	Semiannual reports must identify any startup, shutdown, malfunction excess emission event (20, 0535)	S	YE E	N/A	Kecordxeeping	
Boiler #7	ES-002	2.1 A.4 w.viii.	If applicable, semiannual reports should include statement of no deviations [2Q 0508(f)]	NO S	YES I	NIA A	Kecordkeeping	
Boiler #7	ES-002	2.1.A.4.w.ix	If applicable, semiannual reports should include statement of no out-of-control periods for CMS 120 0508(f)1	5	VEC	1774	кесописсрад	
Boiler #7	ES-002	21A4.wx	Scruannual reports must identify any deviations from permit requirements [2Q .0508(f)]	N N	YES	N/A	recoluncepung	
Boiler #7	ES-002	2.I.A.S.a.	Projected NOx emissions when burning wood-fuels based on 80% coal/20% wood mix. [2D .0530(a)]	NO N	VEC	N/A	nccorascoping	
Boiler #7	ES-002	2.1 A 5.b.	Emission testing shall comply with General Condition JJ [2D .0508(f)]	NO	YES	N/A	Recording	
Boiler #7	ES-002	2.1 A.5.c.	NOx emissions shall be calculated and recorded annually for five years [2D .0530(a)]	5	VE6			
Boiler #7	ES-002		NOx emission reports shall be submitted within 60-days of end of calendar year [2D .0530(a)]	Š	YES .	NIA S	ncooraxcoping	
Boiler #8	ES-003	2.1.B.1.a	Particulate emissions shall not exceed 0.174 lb/MMBtu when firing natural gas or FO #2 [2D .0503(a)]	ğ	VEC	Nia	осто	
Boiler #8	ES-003		Emission testing shall comply with General Condition JJ [2Q .0508(f)]	NO	YES	N/A	COMS	
Boiler #8	ES-003	2.1.B.1.c	Monthly fuel usage shall be recorded [2Q .0508(f)]	NO	YES	N/A	Recordiscening	
Boiler #8	ES-003	2.1.B.1.d	ruci usage summary reports shall be submitted semi-annually [2Q_0508(f)]	NO	YES	AIN	Record/seering	
Boiler #8	ES-003	2.1.B.2.a	Permittee shall comply with all applicable provisions in Subpart Db [2D .0524]	NO	YES	NIA	Recordiscening	
Boiler #8	ES-003	2.1.B.2.b	Maximum sulfur in FO # 2 shall not exceed 0.5 sulfur percent by weight [2D .0524]	š	VEC	NIA I	n necontained milk	
Boiler #8	ES-003		NOx emissions shall not exceed 0.20 bb/MMBtu when firing natural gas or FO #2 (2D .0524)	5	VEC.	3	Kookaxorping	
Boiler #8	ES-003		Visible emissions shall not exceed 20 percent opacity when averaged over a six minute period when firing natural gas or FO #2 [2D .0524]	ž į	YES E	NA NA	CEMIN	
Boiler #8	ES-003		CEMs shall be installed for NOx and pacity [2Q .0508(f)]	NO	YES	N/A	CEMS	
Boiler #8	ES-003	2.1.B.2.f R	Monthly nat, gas and oil use shall be recorded when oil is fired [2Q .0508(f)]	NO NO	YES	N/A	Recording	
Boiler #8	ES-003	2.1.B.2.g.i s	Excess opacity emission reports shall be submitted quarterly [2Q_0508(f)]	Š	YES	N/A	D	
Boiler #8	ES-003		Opacity reports shall be maintained for two years [2Q .0508(f)]	NO	YES	N/A	Recording	
Boiler#8	ES-003		SO2 emissions shall not exceed 2.3 b/MMBtu heat input [2D .0516]	NO	YES	N/A	Recordkeeping	

Boiler #8 Boiler #8 Boiler #8 Boiler #8 Boiler #8 Boiler #8 Boiler #9 Boil	Soiler #8 Soiler #8 Soiler #8 Soiler #8 Soiler #8 Soiler #8 Soiler #9 Soil	Soiler #8 Soiler #8 Soiler #8 Soiler #8	Soiler #8 Soiler #8 Soiler #8 Soiler #8	Soiler #8 Soiler #8 Soiler #8 Soiler #8	Soiler #8 Soiler #8 Soiler #8	oiler #8 biler #8 biler #8 biler #8	Soiler #8 Soiler #8 Soiler #8	Soiler #8 Soiler #8 Soiler #8	Joiler #8	Joiler #8	0.000.00000	Boiler #8	Boiler #8	Boiler #8	POLICE NO.	Boile #8	Boiler #8	Boiler #8	Boiler #8	Boiler #8	Boiler #8	Boiler #8	Boiler #8	Boiler #8	Boiler #8	POINT NO	Poils #6	Boiler #8	Boiler #8		Emission Source Description	
ES-004		ES-004	ES-004		ES-003	E3-003		ES-003	ES-003	ES-003	ES-003	ES-003	ES-003	ES-003	ES-003	E3-003	ES 003	FS-003	ES-003	ES-003	ES-003	ES-003	ES-003	ES-003	ES-003	ES-003	ES-003	ES-003	ES-003		Source or Control Device ID Number(s)	
	2.1.C.1.c	2.1.C.1.b	2.1.C.1.a		2.1.B.4.f.vi.	2.1.B.4.f.v.		2.1.B.4.f.iv.	2.1.B.4.f.iii	2.1.B.4.f.ii.	2.1.B.4.f.i.	2.1B.4.f.	2.1.B.4.c.	2.1.B.4.d.iii.	2.1.B.4.d.ii.	2.1.B.4.d.1	4.1.0.4.0.	ALDAUN.	21 B 4 c iv	2.1.B.4.c.iii	2.1.B.4.c.ii.	2.1.B.4.c.i.	2.1.B.4.c.	2.1.B.4.b.ii	2.I.B.4.b.i.	2.1B.4a	2.1.B.3.d	2.1.B.3.c	2.I.B.3.b	Number	Permit Condition	
or PM required [2Q .0508(f)]	No monitoring, recordkeeping, or reporting	Condition JJ [2Q .0508(f)]	FO #2 [2D .0503(a)] Emission testing shall comply with General	Particulate emissions shall not exceed 0.164 lb/MMBtu when firing natural gas or	.0508(f)]	of no new fuels used [2Q .0508(f)] Semulational reports must identify any	Semiannual reports must include statement	Semannual reports must include monthly fuel uscage [2Q .0508(f)]	Semiannual reports must include date and period covered by report [2Q .0508(f)]	Semiannual reports must include signed certification by RO [2Q .0508(f)]	Semiannual reports must include facility name and address [2Q .0508(f)]	compliance reports [2Q .0508(f)]	previous month monthly (2Q .0508(f))	UM records must record results of each maintenance action [2Q .0508(5)]	inspection action [2Q .0508(f)]	I/M records must record results of each	UM records must record date of each UM	Keep records of all boiler I/M and repair	Conduct at least one annual tuneup per	Inspect and calibrate air control system	Inspect and adjust flame pattern as necessary (20 0508/6)	Inspect and clean burners as necessary [2Q .0508(f)]	Must perform an annual I/M per manufacturer specifications [2D .0508(f)]	Must comply with 112(j) CO limit listed in permit when firing nat. gas [2D.1109]	limits listed in permit when firing #2 oil [2D .1109]	in permit until 5/22/19 [2D .1109] Must comply with 112() PM, Hg. and CO	Submitted semi-annually [2Q .0508(f)] Must comply with 112(j) HAP limits listed	Fuel usage summary reports shall be	Condition II [2D .0501(c)(4)] Monthly nat. gas and FO #2 use shall be	Emission testing shall comply with General	Condition Summary	
	NIA	NO	NO		NO .	NO		NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	No	15	5	NO I	No	NO	NO	NO	NO	NO	NO	1000	Deviations?	
	N/A	YES	YES		YES	YES	115	VEC	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	i Es		VIE I	YF6	YES	YES	YES	YES	YES	YES	(Yes/No/NA)	Records Maintained?	
	A/K	NVA	N/A	No.	*	AW	NA	W. A	N/A	N/A	AIN	ΝΑ	N/A	N/A	N/A	NIA	N/A	N/A	N/A	N/A	N/A	NA		NIA	NIA	N/A	N/A	AIN	N/A	(Yes / No)	Was Deviation a non- compliance issue?	
	N/A	Recordiceping	COMS	Recordkeeping		Recordkeeping	Recordkeeping	Kecordkeeping	,	Recordkeening	Recordioning	Recordicerning	Recordiceping	Recordsceping	Recordkeeping	Recordseeping	Recordkeeping	Recordiceping	Recordkeeping	Recordkeeping	Recordkeeping	Recordsceping	Recoraceping	D	Recordsoming	Recordkeeping	Recordkeeping	Recordseeping	Recordkeeping	Compliance Status	Method(s) of Determining	
																														Comments		

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Emission Source Description	Source or Control Device ID Number(s)	Permit Condition Number		Deviations? (Yes / No)	Records Maintained? (Yes/No/NA)	Was Deviation a non- compliance issue? (Yes / No)	Method(s) of Determining Compliance Status
Boiler #9	ES-004	2.I.C.2.b	Maximum sulfur in FO # 2 shall not exceed 0.3 sulfur percent by weight [2D .0524]	No.			
Boiler #9	ES-004	2.1.C.2.c	NOx emissions shall not be in exceed 0.20 lb/MMBtu when firing natural gas or FO #2 [2D .0524]	NO 8	YES	N/A	Recordsceping
Boiler #9	ES-004	2.1.C.2d	Sulfur in F0 # 2 shall not exceed 0.3 percent and no nat. gas subject to PM limit under 60.43b(h)(1) [2D .0524]		YES	AVA.	CEMS
Boiler #9	ES-004	2.1.C.2.¢	Visible emissions shall not exceed 20 percent opacity when averaged over a six minute period when firing natural gas or FO #2 [2D_0524]	NO	NO	NO	COMS
Boiler #9	ES-004	2.1.C.2.f	CEMs shall be installed for NOx and opacity [2Q .0508(f)]	NO	YES	AW	CEMe
Boiler #9	ES-004	2.1.C.2.f	Records of FO#2 sulfur content must be obtained from supplier (2D, 0524)	NO	YES	A/N	Recordiceping
Boiler #9	ES-004	2.1.C.2.g	Monthly nat, gas and oil use shall be recorded when oil is fired [2Q .0508(f)]	NO	YES	NIA	Record/seeping
Boiler #9	ES-004	2.1.C.2.h.j	Excess opacity emission reports shall be submitted semiannually [2Q .0508(f)]	NO	YES	NIA	Recordkeeping
Boiler #9	ES-004	2.1.C.2.h.ii	Records of No.2 fuel oil sulfur content shall be maintained [2Q_0508(f)]	NO	YES	NIA	Recordkeeping
Boiler #9	ES-004	2.1.С.2.Ьш	Performance tests, CEMs, and maximum boiler heat input rate demonstrations shall be submitted [2Q.0508(f)]	NO	YES	A/N	Recordkeeping
Boiler #9	ES-004	2.1.C.2.h.iv	.0508(f)]	NO	YES	N/A	Paradi
Boiler #9	ES-004	2.1.C.3.a	Ib/M/MBtu heat input when firing gas only 2D 0516	NO	YES	NIA	Paccathering
Boilet #9	ES-004	2.1.C.3.b	Condition JJ [2Q .0508(f)]	NO	YES	A/N	Recording
Boiler #9	ES-004	2.1.C.3.c	natural gas [2Q .0508(f)] Must comply with 112(f) HAP limits listed	NIA	N/A	AIN	N/A
DOICE #7	ES-004	2.1.C.4.a.	in permit until 5/22/19 [2D .1109] Must comply with 1120) PM, Hg. and CO	NO	YES	N/N	Recordkeeping
Boiler #9	ES-004	2.1.C.4.b.i.	limits listed in permit when firing #2 oil [2D .1109]	NO	YES	N/A	
Boiler #9	ES-004	2.1.C.4.b.ii.	Must comply with 112(j) CO limit listed in permit when firing nat. gas [2D .1109]	NO	YES	N/A	Recording
Boiler #9	ES-004	2.1.C.4.c.	Must perform an annual I/M per manufacturer specifications (2D, 0508/6)	5	ĺ		and the state of t
Boiler #9	ES-004		Inspect and clean burners as necessary [2Q 0508(f)]	8 8	VEC YES	NIA	Record/ceping
Boiler #9	ES-004		Inspect and adjust flame pattern as necessary [20_0508/6]	5 8	YES	AIN	Recordkeeping
Boiler #9			Inspect and calibrate air control system (20 .0508(6))	No	YES	N/A	Recordkeeping
Boiler #9			Conduct at least one annual tuneup per	8	YES	AIN	Recordkeeping
Boiler #9	-		Keep records of all boiler I/M and repair	No	YES	N/A	Recordkeeping
Boiler #9			UM records must record date of each UM	NO	YES	N/A	Recordkeeping
Boiler #9	ES-004 2	2.1.C.4.di. ac	Action [2Q_0508(f)] WM records must record results of each	NO	YES	N/A	Recordkeeping
Boiler #9	ES-004 2	2.1.C.4.d.ii. in	inspection action [2Q_0508(f)]	NO	YES	N/A	Recordkerning
Boiler #9	ES-004 2.	2.1.C.4.d.iii. ma	I/M records must record results of each maintenance action [2Q .0508(f)]	NO	YES	N/A	
Boiler #9	ES-004 2	2.1.C.4.e. Pro	Record fuel use by each source during previous month monthly [2Q .0508(f)]	NO .	YES	N.	Kendawahita
				SERVICE SERVIC			vecciarechus

	Recordkeeping	N/A .	YES	NO	in permit until 5/22/19 [2D .1109]	2.1.C.4.a. in	ES-005	Boiler #10
	N/A	T CONTRACTOR OF THE CONTRACTOR			Must comply with 112(i) HAP limits light			
	NI.	N/A	N/A	NIA	SO2 monitoring not required when burning	21C3c na	ES-005	Boiler #10
	Recordkeeping	N/A	YES	NO	Emission testing shall comply with General Condition JJ [2Q .0508(f)]	2.1.C3.b C	ES-005	Boiler #10
	Recordkeeping	NIA	YES	No No	SO2 emissions shall not exceed 2.3 bb/MMBtu heat input when firing gas only [2D.0516]	2.1.C.3.a 2	ES-005	Boiler #10
	Recordkeeping	N/A	YES	NO	Records shall be retained for two years [2Q .0508(f)]	2.1.C.2.h.iv .0	ES-005	Boiler #10
٠	Recordkeeping	N/A	YES	NO	Performance tests, CEMs, and maximum boiler heat input rate demonstrations shall be submitted [2Q.0508(f)]	2.1.C.2hiii b	ES-005	Boiler #10
	Recordkeeping	N/A	YES	NO	Records of No.2 fuel oil sulfur content shall be maintained [2Q .0508(f)]	2.1.C.2.h.ii sl	ES-005	Boiler #10
	Recordkæping	NIA	YES	NO	Exocss opacity emission reports shall be submitted semiannually [2Q .0508(f)]	2.1.C.2.h.i s	ES-005	Boiler #10
	Recordkeeping	NIA	YES	NO NO	Monthly nat, gas and oil use shall be recorded when oil is fired [2Q.0508(f)]	2.1.C2.g	ES-005	Boiler #10
	Recordkeeping	N/A	YES	NO	Records of FO#2 sulfur content must be obtained from supplier {2D .0524}	2.1.C2f	ES-005	Boiler #10
	CEMS	AIN	YES	NO	Opacity [2Q .0508(f)]	2.1.C.2.f	ES-005	Boiler #10
	COMS	N/A	YES	NO	percent opacity when averaged over a six minute period when firing natural gas or FO #2 [2D 0524]	2.I.C.2.e	ES-005	Boiler #10
ST COLOR	Recordkeeping	N/A	YES	No.	Sulfur in FO # 2 shall not exceed 0.3 percent and no nat. gas subject to PM limit under 60.43b(N(1) [2D. 0524] Visible emissions shall not exceed 70	21C2d	ES-005	Boiler #10
	CEMS	AWA	YES	NO	lb/MMBtu when firing natural gas or FO #2 [2D .0524]	2.1.C.2.c	ES-005	Boiler #10
	Recordkeeping	N/A	YES	No	exceed 0.3 sulfur percent by weight [2D .0524] NOx emissions shall not be in exceed 0.20	2.1.C.2.b	ES-005	Boiler #10
	Recordkeeping	NIA	YES	NO	Permittee shall comply with all applicable provisions in Subpart Db [2D .0524] Maximum sulfur in FO # 7 shall not	21.C.2.a	ES-005	Boiler #10
	N/A	NIA	NIA	NIA	No monitoring, recordkeeping, or reporting for PM required [2Q .0508(f)]	2.1.C.1.c	ES-005	Boiler #10
	Recordkeeping	A/N	YES	NO	Condition JJ [2Q .0508(f)]	2.1.C.1.b	ES-005	Boiler #10
	COMS	VIN	YES	NO	0.164 lb/MMBtu when firing natural gas or FO #2 [2D .0503(a)] Entition (extino chall comple with Green)	2.1.C.1.a	ES-005	Boiler #10
	Recordkeeping	N/A	YES	NO	deviations from permit requirements [2Q 0508(f)]	2.1.C.4.f.vi.	ES-004	Boiler #9
	В	N/A	YES	NO NO	Semiannual reports must include statement of no new fuels used [2Q_0508(f)]	21C4fv.	ES-004	Boiler #9
	Recording	N/A	YES	NO	fuel useage [2Q .0508(f)]	2.1.C.4.fiv.	ES-004	Boiler #9
	Recordkeeping	N/A	YES	NO	Semiannual reports must include date and period covered by report [2Q .0508(f)]	2.1.C.4.f.iii.	ES-004	Boiler #9
	Recordseeping	N/A	YES	NO	Semiannual reports must include signed certification by RO [2Q .0508(f)]	2.1.C.4.f.ii.	ES-004	Boiler #9
	Recordsceping	N/A	YES	NO	Semiannual reports must include facility name and address [2Q .0508(f)]	2.1.C.4.f.i	ES-004	Boiler #9
	Recordkeeping	VIN	YES	ON	compliance reports [2Q .0508(f)]	2.1.C.4.f.	ES-004	Boiler #9
Comments	Method(s) of Determining Compliance Status	Was Deviation a non- compliance issue? (Yes / No)	Maintained? (Yes/No/NA)	Deviations? (Yes / No)		Permit Condition Number	Device ID Number(s)	Emission Source Description
					Terms and Conditions		Source of Control	

Source or Control							
	s) Permit Condition Number		Deviations? (Yes / No)	Maintained? (Yes/No/NA)	compliance issue? (Yes / No)	Method(s) of Determining Compliance Status	Comments
	2.1.C.4.b.i	Must comply with 112() PM, Hg, and CO limits listed in permit when firing #2 oil [2D1109]	NO	YES	AN	Recordsceping	
	2.1.C.4.b.ii	Must comply with 112(j) CO limit listed in permit when firing nat. gas [2D .1109]	NO	YES	N/A	Recordkeeping	
	2.1.C.4.c.	Must perform an annual I/M per manufacturer specifications [2D .0508(f)]	NO	YES	N/A	Recordscening	
	2.1.C.4.c.i.	Inspect and clean burners as necessary [2Q .0508(f)]	NO	YES	NIA	Recordicenine	
	2.1.C,4.c.ii.	Inspect and adjust flame pattern as necessary [2Q .0508(f)]	NO	YES	N/A	Recordicenino	
	2.1.C.4.c.iii.	Inspect and calibrate air control system [2Q .0508(f)]	NO	YES	NIA	Recordseening	
	2.1.C.4.c.iv.	Conduct at least one annual tuneup per year [2Q .0508(f)]	NO	YES	N/A	Recordicerning	
	2.1C.4.d	Keep records of all boiler I/M and repair activities [2Q .0508(f)]	NO	YES	NIA	Recordkeening	
	2.1.C.4.d.i.	I/M records must record date of each I/M action [2Q .0508(f)]	NO NO	YES	NIA	Recordioening	
	2.1.C.4.d.ii.	I/M records must record results of each inspection action [2Q .0508(f)]	NO	YES	AIN	Recordiceening	
	2.1.C.4.d.iii.	I/M records must record results of each maintenance action [2Q .0508(f)]	NO	YES	N/A	Recordscening	
	2.1.C.4.e.	Record fuel use by each source during previous month monthly [2Q .0508(f)]	NO	YES	AIN	Recording	
	2.1.C.4.f.	Permitte must submit semiannual compliance reports [2Q .0508(f)]	NO	YES	AIN	Recordkeeping	
	2.1.C.4.f.i.	Semiannual reports must include facility name and address [2Q .0508(f)]	NO	YES	AN	Recordkeeping	
	2.LC.4.f.ii	Semiannual reports must include signed certification by RO [2Q .0508(f)]	NO	YES	VIN	RecordLeeping	
	2.1.C.4.£iii.	Semiannual reports must include date and period covered by report [2Q .0508(f)]	NO	YES	N/A	Recordbeeping	
	2.1.C.4.f.w.	Semiannual reports must include monthly fuel uscage [2Q .0508(f)]	NO	YES	N/A	Recordkeeping	
	- 2.l.C.4.f.v.	Semiamual reports must include statement of no new fuels used [2Q 0508(f)]	NO	YES	NIA	Recordiceping	
	2.1.C.4.f.vi.	osemanua reports must identity any deviations from permit requirements [2Q 0508(f)]	NO	YES	N/A	Recordiceping	
	2.1.D.1.a	Particulate emissions shall not exceed formula in comments [2D .0515(a)]	NO	YES	A/N	Recordkeeping	$E = 55.0 \times P^{0.11} - 40$
	2.1.D.1.b	Emission testing shall comply with General Condition IJ [2Q .0508(f)]	NO	YES	A/N	Recordkeeping	
	2.1.D.1.c.i	Emissions shall be controlled by bagfilters with monthly external inspections [2Q .0508(f)]	N/A	A'N	N/A	N/A	NA
	2.1.D.1.c.ii	Emissions shall be controlled by bagfilters with annual internal inspections [2Q 0508(f)]	N/A	N/A	A/N	N/A	AIN
	2.1.D.1.d.i	Records of date and time of I/M shall be maintained in a logbook [2Q .0508(f)]	AIN	N/A	N/A	NIA	NA
Enclosed Railear Dump Pits ES-010		Records of I/M findings shall be maintained in a logbook [2Q .0508(f)]	N/A	N/A	N/A	N/A	AIN
Enclosed Railcar Dump Pits ES-010	2.1.D.1.d.iii n	Records of maintenance shall be maintained in a logbook [2Q_0508(f)]	N/A	NIA	N/A	A/N	N/A
Enclosed Railear Dump Pits ES-010	2.1.D.1.e w	Baghouse UM records shall be submitted within 30-days of request [2Q .0508(f)]	NIA	N/A	N/A	N/A	NIA
Enclosed Railcar Dump Pits ES-010	2.1.D.l.f	reports shall be submitted semi-annually [2Q0508(f)]	NO	YES	NIA	Recordkeeping	

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Emission Source Description	Source or Control Device ID Number(s)	Permit Condition Number	Condition Summary	Deviations? (Yes / No)	Records Maintained? (Yes/No/NA)	Was Deviation a non- compliance issue? (Yes / No)	Method(s) of Determining Compliance Status	Comments
			Visible emissions shall not exceed 20 percent opacity when averaged over a six					
Enclosed Railcar Dump Pits	ES-010	2.I.D.2.a	minute period [2D .0524]	NO	YES	N/A	Recordkeeping	
Enclosed Railcar Dump Pits	ES-010	2.1.D.2.b	Condition JJ [2Q .0508(f)]	NO	YES	N/A	Recordkeeping	
Enclosed Railcar Dump Pits	ES-010	2.1.D.2.c	Visible emissions by a certified observer logged when wet suppression system not used [2Q .0508(f)]	NO	YES	N/A	Property	
Enclosed Railcar Dump Pits	ES-010	2.I.D.2.d.i	Records of date and time of monitoring shall be maintained in a logbook [2Q .0508(f)]	NO	YES	AW	Recordseeping	
Enclosed Railear Dump Pits	ES-010	2.1.D.2.d.ii	Records of monitoring findings shall be maintained in a logbook [2Q .0508(f)]	NO	YES	N/A	Recordkeeping	
Enclosed Railcar Dump Pits	ES-010	2.1.D.2.d.iii	Records of corrective actions shall be maintained in a logbook [2Q .0508(f)]	NO	YES	N/A	Recordsening	
Enclosed Railear Dump Pits	ES-010	2.1.D.2.e	Visible emissions summary reports shall be submitted semi-annually [2Q. 0508(f)]	NO	YES	N/A	Recording	
Coal Crusher/Conveyor Building	ES-010A	2.I.D.1.a	Particulate emissions shall not exceed formula in comments (2D 0515(a))	Š	VES		and the second s	
Building	ES-010A	2.1.D.1.b	Emission testing shall comply with General Condition JJ [2Q .0508(f)]	NO	YES	N/A	Recording	E=33.0 X F -40
Coal Crusher/Conveyor Building	ES-010A		Emissions shall be controlled by bagfilters with monthly external inspections [2Q 0508(f)]	5	VES		моникария	
Coal Crusher/Conveyor Building	ES-010A		Emissions shall be controlled by bagfilters with annual internal inspections [2Q 0508(f)]	NO	YES	N/A	Recordiceping	
Coal Crusher/Conveyor Building	ES-010A	2.1.D.1.d.i	Records of date and time of I/M shall be maintained in a losbook [20, 0508(f)]	ž	VEC	NI.	n a constant of the constant o	
Coal Crusher/Conveyor Building	ES-010A		Records of I/M findings shall be	5	VEC .	N/A	Recordkeeping	
Coal Crusher/Conveyor Building	ES-010A		Records of maintenance shall be maintained in a logbook [2Q .0508(f)]	NO S	YES	N/A	Recordsceping	
Coal Crusher/Conveyor Building	ES-010A	2.1.D.1.¢	Baghouse I/M records shall be submitted within 30-days of request [2Q .0508(f)]	NO	YES	AIN.	Panadian	
Coal Crusher/Conveyor Building	ES-010A		Monitoring summary reports shall be submitted semi-annually [2Q .0508(f)]	NO	YES	N/A	Recordsceping	
Coal Crusher/Conveyor Building	ES-010A	2.I.D.2 a	Visible emissions shall not exceed 20 percent opacity when averaged over a six minute period [2D .0524]	NO	YES	NIA	Decordesping	
Building	ES-010A	2.1.D.2.b	Emission testing shall comply with General Condition JJ [2Q .0508(f)]	NO	YES	N/A	Recordiceping	

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Emission Source Description	Source or Control Device ID Number(s)	Permit Condition Number		Deviations? (Yes / No)	Maintained? (Yes/No/NA)	Was Deviation a non- compliance issue? (Yes / No)	Method(s) of Determining Compliance Status	Comments
Coal Crusher/Conveyor Building	ES-010A	21.D.2.c	Visible emissions by a certified observer logged when wet suppression system not used [20,0508(f)]	N/A	N/A	AIN	N.	AIN
Coal Crusher/Conveyor Building	ES-010A	2.1.D.2.d.i	Records of date and time of monitoring shall be maintained in a logbook [2Q .0508(f)]	N/A	N/A	A/N	N/A	N/A
Coal Crusher/Conveyor Building	ES-010A	2.I.D.2.d.ii	Records of monitoring findings shall be maintained in a logbook [2Q .0508(f)]	NIA	N/A	N/A	ANA	NIA
Coal Crusher/Conveyor Building	ES-010A	2.I.D.2.d.iii	Records of corrective actions shall be maintained in a logbook [20, 0508(f)]	NIA	NA	N/A	N/A	NIA
Coal Crusher/Conveyor Building	ES-010A	2.1.D.2.c	Visible emissions summary reports shall be submitted semi-annually [2Q .0508(f)]	NIA	N/A	NIA	N/A	A/N
Coal Silo	ES-I	2.I.D.1.a	Particulate emissions shall not exceed formula in comments [2D, 0515(a)]	N N	YES	N/A	Recording	E = \$5 0 x p ^{0.11} - 40
Coal Silo	ES-1	2.I.D.I.b	Emission testing shall comply with General Condition JJ [2Q .0508(f)]	NO	YES	N/A	Recordisecting	
Coal Silo	ES-1	2.1.D.1.c.i	Emissions shall be controlled by bagfilters with monthly external inspections [2Q .0508(0)]	NO	YES	N/A	Recordiseroins	
Coal Silo	ES-I	2.1.D.1.c.ii	Emissions shall be controlled by bagfilters with annual internal inspections [2Q .0508(f)]	NO	YES	N/A	Recordkeening	
Coal Silo	ES-1	2.1.D.1.d.i	Records of date and time of I/M shall be maintained in a logbook [2Q .0508(f)]	NO	YES	N/A	Recordiceping	
Coal Silo	ES-1	2.1.D.1.d.ii	Records of I/M findings shall be maintained in a logbook [2Q .0508(f)]	NO	YES	N/A	Recordkeeping	
Coal Silo	ES-1	2.1.D.1.d.iii	Records of maintenance shall be maintained in a logbook [2Q .0508(f)]	NO	YES	N/A	Recordseeping	
Coal Silo	ES-1	2.1.D.1.¢	Baghouse I/M records shall be submitted within 30-days of request [2Q0508(f)]	NO	YES	A/N	Recordkeeping	
Coal Silo	ES-1	2.1.D.1.f	Monitoring summary reports shall be submitted semi-annually [2Q .0508(f)]	NO	YES	A/N	Recordkeeping	
Coal Silo'	ES-1	2.I.D.2.a	Visible emissions shall not exceed 20 percent opacity when averaged over a six minute period [2D .0524]	NO	YES	N/A	Recording	
Coal Silo	ES-I	2.1.D.2.b	Emission testing shall comply with General Condition JJ [2Q .0508(f)]	NO	YES	A/N	Recordkeeping	
Coal Silo	ES-1	2.I.D.2.c	Visible emissions by a certified observer logged when wet suppression system not used [2Q .0508(f)]	AIN	N/N	N/A	N/A	N.
Coal Silo	ES-I		Records of date and time of monitoring shall be maintained in a logbook [2Q 0508(f)]	NIA	N/A	AIN	A/N	AIN
Coal Silo	ES-1		Records of monitoring findings shall be maintained in a logbook [2Q .0508(f)]	A/N	AIN	N/A	A/N	AIN
Coal Silo	ES-1		Records of corrective actions shall be maintained in a logbook [2Q.0508(f)]	N/A	AIN	A/N	A/N	AIN
Coal Silo	ES-1	2.1.D.2.e	Visible emissions summary reports shall be submitted semi-annually [2Q .0508(f)]	AIN	A/N	N/A	. AIN	A/N
Coal Silo	ES-2	2.1.D.I.a	Particulate emissions shall not exceed formula in comments [2D .0515(a)]	NO	YES	N/A	Recordkeeping	$E = 55.0 \times P^{0.11} - 40$

			Terms and Conditions					
Emission Source Description	Device ID Number(s)	Permit Condition Number		Deviations? (Yes / No)	Records Maintained? (Yes/No/NA)	Was Deviation a non- compliance issue? (Yes / No)	Method(s) of Determining Compliance Status	Comments
Coal Silo	ES-2	2.I.D.I.b	Emission testing shall comply with General Condition JJ [2Q .0508(f)]	NO	YES	NIA		
			Emissions shall be controlled by bagfilters	100	163	NA	Recordkeeping	
Coal Silo	ES-2	2.1.D.1.c.i	with monthly external inspections [2Q .0508(f)]	NO NO	YES	N.		
Coal Silo	1		Emissions shall be controlled by bagfilters with annual internal inspections [2Q]			NA	Recordkeeping	
Codi Silo	ES-2	2.1.D.1.c.ii	.0508(6)]	NO	YES	N/A	Recordkeeping	
Coal Silo	3		Records of date and time of I/M shall be					
	E3-2	2.1.D.1.d.i	maintained in a logbook [2Q .0508(f)]	NO	YES	NA	Recordkeening	
Coal Silo	ES-2	2.1.D.1.d.ii	Records of I/M findings shall be	ś	1		The state of the s	
Coal Silo	E6.3		Records of maintenance shall be	ā	I ES	N/A	Recordkeeping	
	D:2	2.1.D.1.d.iii	maintained in a logbook [2Q .0508(f)]	NO	YES	NIA	Recordkeeping	
Coal Silo	ES-2	2.1.D.1.e	Baghouse I/M records shall be submitted within 30-days of request 120, 0508(6)	5				
Oct of the control of	Strong St		Monitoring summary reports shall be	100	TES	NA	Recordkeeping	
Coal Silo	ES-2	2.1.D.I.f	submitted semi-annually [2Q .0508(f)]	NO	YES	N/A	Propellemin	
			Visible emissions shall not exceed 20		1		Muchania	
Coal Silo	ES-2	2.1.D.2.a	minute period [2D .0524]	8	YES	NIA		
Coal Silo	ES-2	2.1 D.2.b	Emission testing shall comply with General Condition II [2Q .0508(f)]	NO	YES	NA A	Recordscoping	
			Visible emissions by a certified observer				Mindraman	
Coal Silo	ES-2	2.1.D.2.c	used [2Q .0508(f)]	N/A	N/A	NA	N/A	1
Coal Silo	ES-2		Records of date and time of monitoring shall be maintained in a logbook [2Q				NA	NA
	100	1.07.01.7	0308(3)	N/A	N/A	N/A	N/A	N/A
Coal Silo	ES-2	2.1.D.2.d.ii n	maintained in a logbook [2Q .0508(f)]	N/A	N/A	N/A	N.	

	C. Promoverstations on the contract of the con		Terms and Conditions					
Emission Source Description	Source or Control Device ID Number(s)	Permit Condition Number		Deviations? (Yes / No)	Records Maintained? (Yes/No/NA)	Was Deviation a non- compliance issue? (Yes / No)	Method(s) of Determining Compliance Status	Comments
Coal Silo	ES-2	2.1.D.2.d.iii	Records of corrective actions shall be maintained in a logbook [2Q .0508(f)]	AIN	N/A	AIN	N/A	N/A
Coal Silo	ES-2	21D2e	Visible emissions summary reports shall be submitted semi-annually [2Q .0508(f)]	NIA	N/A	AN	AIN	NIA
Five Coal Silo Feed Conveyors	ES-3	2.1.D.1.a	Particulate emissions shall not exceed formula in comments [2D .0515(a)]	No	VEV.	NIA.		1 35 ,011
Five Coal Silo Feed Conveyors	ES-3	2.1.D.1.b	Emission testing shall comply with General Condition JJ [20 .0508(f)]	NO	YES	NIA	Necotakeeping	E=33.0 x P -40
Five Coal Silo Feed Conveyors	ES-3	2.I.D.I.c.i	Emissions shall be controlled by bagfilters with monthly external inspections [2Q .0508(f)]	NO I	VES	N/A	necorakeeping	
Five Coal Silo Feed Conveyors	ES-3	2.1.D.1.c.ii	Emissions shall be controlled by bagfilters with annual internal inspections [2Q .0508(6)]	NO	YES	N/A	Recordscening	
Five Coal Silo Feed Conveyors	ES-3	2.1.D.1.d.i	Records of date and time of I/M shall be maintained in a logbook [2Q .0508(f)]	No	YES	NIA	Recording	
Five Coal Silo Feed Conveyors	ES-3	2.1.D.1.d.ii	maintained in a logbook [20, 0508(f)]	NO	YES	N/A	Recordiceping	
Five Coal Silo Feed Conveyors	ES-3	2.1.D.1.d.iii	maintained in a logbook [2Q .0508(f)]	NO	YES	A/N	Recording	
Five Coal Silo Feed Conveyors	ES-3	2.I.D.1.e	Baghouse I/M records shall be submitted within 30-days of request [2Q .0508(f)]	8	YES	NIA	Book	
Five Coal Silo Feed Conveyors	ES-3	2.I.D.1.f	Monitoring summary reports shall be submitted semi-annually [2Q .0508(f)]	NO	YES	NA	Recordicening	
Five Coal Silo Feed Conveyors	ES-3	2.1.D.2.a	Visible emissions shall not exceed 20 percent opacity when averaged over a six minute period [2D .0524]	NO	YES	N/A	Recording	
Five Coal Silo Feed Conveyors	ES-3	2.1.D.2.b	Emission testing shall comply with General Condition IJ [2Q .0508(f)]	NO	YES	NIA	Recordiseering	
Five Coal Silo Feed Conveyors	ES-3	2.1.D.2.c	Visible emissions by a certified observer logged when wet suppression system not used [2Q.0508(f)]	AIN	AIN	NIA	NA.	Via I
Five Coal Silo Feed Conveyors	ES-3	2.1.D.2.d.i	Records of date and time of monitoring shall be maintained in a logbook [2Q .0508(f)]	AIN	N/A	NIA	NA.	N/A
Five Coal Silo Feed Conveyors	ES-3	2.1.D.2.d.ii	Records of monitoring findings shall be maintained in a logbook [2Q .0508(f)]	N/A	AIN	AIN	N	N/A
Five Coal Silo Feed Conveyors	ES-3	2.1.D.2.diii n	Records of corrective actions shall be maintained in a logbook [2Q_0508(f)]	AIN	N/A	A/N	N/A	N/A
Five Coal Silo Feed Conveyors	ES-3	2.1.D.2.e s	Visible emissions summary reports shall be submitted semi-annually [2Q .0508(f)]	N/A	N/A	AIN	NIA	A/N
Ash Silo with Loadout	ES-030	2.1.E.l.a ft	Particulate emissions shall not exceed formula in comments [2D .0515(a)]	NO	YES	N/A	Recordiceming	E = 4 10 v post
Ash Silo with Loadout	ES-030	2.1.E.1.b C	Emission testing shall comply with General Condition JJ [2Q 0508(f)]	NO	YES	A/A	Recordicening	10000
Ash Silo with Loadout	ES-030	2.1.E.1.c.i	Emissions shall be controlled by bagfilter with monthly external inspections [2Q 0508(f)]	NO	YES	NiA	Recordioening	
Ash Silo with Loadout	ES-030	2.1.E.1.e.ii .0	Emissions shall be controlled by bagfilter with annual internal inspections [2Q .0508(f)]	NO	YES	ANA	Recordkeeping	

Wet Ash Loadout		Wet Ash Loadout		Wet Ash Loadout	Wet Ash Loadout		Wet Ash Loadout	Wet Ash Loadout	Wet Ash Loadout	Wet Ash Loadout	Wet Ash Loadout	Wet Ash Loadout	Wet Ash Loadout	Wet Ash Loadout	Wet Ash Loadout	Ash Silo with Loadout	Ash Silo with Loadout	Ash Silo with Loadout	Ash Silo with Loadout	Ash Silo with Loadout	Ash Silo with Loadout	Ash Silo with Loadout	Ash Silo with Loadout	Ash Silo with Loadout	Ash Silo with Loadout	Ash Silo with Loadout	Ash Silo with Loadout	Emussion Source Description	
	ES-030A	ES-030A	1	ES-030A	ES-030A		ES-030A	ES-030A	ES-030A	ES-030A	ES-030A	ES-030A	ES-030A	ES-030A	ES-030A	ES-030	ES-030	ES-030	ES-030	ES-030	ES-030	ES-030	ES-030	ES-030	ES-030	ES-030	ES-030		Source or Control
	2.1.E2di	2.1.E2.c		2.1.E.2.b	2.1 E.2.a		2.1.E.1.f	2.1.E.1.c	2.1.E.1.d.iii	2.1.E.1.d.ii	2.1.E.1.d.i	2.1.Е.1 с. іі	2.1.E.1.c.i	2.1.E.1.b	2.1.E.1.a	2.1.E.2.e	2.1.E.2.d.iii	2.1.E.2.d.ii	2.1.E.2di	2.1.E.2.c	2.1.E2.b	2.1.E.2.a	2.1.E.1.f	21.E1.c	2.1.E.I.d.iii	2.1.E.1.d.ii	2.1.E.1.d.i	Permit Condition Number	
Records of monitoring findings shall be	shall be maintained in a logbook [2Q .0508(f)]	.0508(f)] Records of date and time of monitoring	Daily observations shall be performed for visible emissions above normal [2Q	Emission testing shall comply with General Condition JJ [20 .0508(f)]	percent opacity when averaged over a six minute period [2D .0524]	Visible emissions shall not exceed 20	Monitoring summary reports shall be submitted semi-annually [20 .0508(f)]	Baghouse I/M records shall be submitted within 30-days of request [2Q .0508(f)]	maintained in a logbook [2Q .0508(f)]	Records of I/M findings shall be maintained in a logbook [2Q .0508(f)]	Records of date and time of I/M shall be maintained in a logbook [2Q .0508(f)]	with annual internal inspections [2Q .0508(f)]	emissions shall be controlled by bageliter with monthly external inspections [2Q 0508(f)]	Condition JJ [2Q .0508(f)]	Particulate emissions shall not exceed formula in comments [2D .0515(a)]	Visible emissions summary reports shall be submitted semi-annually [2Q .0508(f)]	Records of corrective actions shall be maintained in a logbook [2Q_0508(f)]	Records of monitoring findings shall be maintained in a logbook [2Q0508(f)]	shall be maintained in a logbook [2Q .0508(f)]	visible emissions above normal [2Q 0508(f)]	Condition IJ [2Q .0508(f)]	percent opacity when averaged over a six minute period [2D .0521(d)]	submitted semi-annually [2Q .0508(f)]	Baghouse I/M records shall be submitted within 30-days of request [2Q .0508(f)]	maintained in a logbook [2Q .0508(f)]	maintained in a logbook [2Q .0508(f)]	Records of date and time of I/M shall be maintained in a logbook [2Q.0508(f)]	Condition Summary	Terms and Conditions
Í	NO	NO	ā	No.	No	100	N/A	N.	NIA	NIA	N/A	N/A	AIN	NO	NO	NO	NO	NO	No	NO	NO	NO	NO	NO	NO	NO	8	Deviations? (Yes / No)	
	YES	YES	Ē	VEC	YES	Ann	NIA	NA.	N/A	N/A	NIA	AIN	A/N	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Maintained? (Yes/No/NA)	Bassada
	N/A	N/A	NA		NA.	NA		N/A	N/A	N/A	NIA	N/A	A/N	N/A	N/A	NIA	N/A	N/A	AiN	AIN	AIN	AIN	NIA	NIA	NIA	N/A	N/A	compliance issue? (Yes / No)	W-5-1
	Recordicening	Recordkeeping	Recordkeeping	Access an analysis of	Recording	NA	NA		A/N	A'N	AIN	AIN	NIA	Recording	B	Recordcoping	Recordkeeping	Recordkeeping	Recordkeeping	Recordkeeping	Recordseeping	Recordseening	Recordkeeping	Recordkeeping	Recordkeeping	Recordkeeping	Recordicenias	Method(s) of Determining Compliance Status	
						NIA	NA	*****	N/A	NIA	N/A	N/A		E=4.10X F	7													Comments	

	Recordkeening	N/A	YES	NO	lb/MMBtu [2D .0516]	2.1.G.1.a	Permit Table 2.1.G.3-1	(Em. Gens and F. Pumps)
	VAN	1000			SO2 emissions shall not exceed 3.3			14 New KICE SOM HD
	NUA	N/A	N/A	AW	No requirements	2.1.F	1-004	On Congression
	N/A	NA	A/N	N/A	No requirements		1-005	uel Oil Storage Tank
	N/A	N/A	N/A	NA	Circumstantion		T-003	uel Oil Storage Tank
	NA	COM			o requirements	2 F	T-002	uci Oil Storage
		NIA	AIN	N/A	No requirements	2.1.F	100-1	OH OHOLAKE
	Recordkeeping	N/A	YES	NO	submitted semi-annually [2Q .0508(f)]	2.1.E.2.e	ES-030A	Wet Ash Loadout
	Marymore							
	Recording	N/A	YES	8	Records of corrective actions shall be maintained in a logbook [2Q .0508(f)]	2.1.E.2.d.iii	ES-030A	Wet Ash Loadout
Comment	Method(s) of Determining Compliance Status	compliance issue? (Yes / No)	Maintained? (Yes/No/NA)	Deviations? (Yes / No)	Condition Summary	Permit Condition Number	Device ID Number(s)	Emission Source Description
The state of the s	Total State of the		7		Conditions			

19 New MCE >500 Hp	(Em. Gens and F. Pumps) Permit Table 2.1.G.3-1	(Em. Gens and F. Pumps) Permit Table 2.1.G.3-1	(Em. Gens and F. Pumps) Permit Table 2.1.G.3-1	19 New RICE >500 Hp (Em. Gens and Fire Pumps) Permit Table 2.1.G.3-1 10 Nave RICE >500 Ho.	19 New RICE >500 Hp (Em. Gens and Fire Pumps) Permit Table 2.1.G.3-1	19 New RICE >500 Hp (Em. Gens and Fire Pumps) Permit Table 2.1.G.3-1	19 New RICE >500 Hp (Em. Gens and Fire Pumps) Permit Table 2.1.G.3-1	(Em. Gens and F. Pumps) Permit Table 2.1.G.3-1	(Em. Gens and F. Pumps) Permit Table 2.1.G.3-1	ps) Permit Table 2.1.G.3-1	s) Permit Table 2.1.G.3-1	19 New RICE >500 Hp (Em. Gens and Fire Pumps) Permit Table 2.1.G.3-1	19 New RICE >500 Hp (Em. Gens and Fire Pumps) Permit Table 2.1,G,3-1	(Em. Gens and F. Pumps) Permit Table 2.1.G.3-1	(Em. Gens and F. Pumps) Permit Table 2.1.G.3-1	Em. Gens and F. Pumps) Permit Table 2.1.G.3-1	19 New RICE >500 Hp (Em. Gens and Fire Pumps) Permit Table 2.1.G.3-1	(Em. Gens and F. Pumps) Permit Table 2.1.G.3-1	(Em. Gens and F. Pumps) Permit Table 2.1.G.3-1	Source or Control Device ID Number(s)
	2.1.G3.k	2.1.G3.j.	2.1.G.3.i.	2.1.G.3.h	2.1.G3.g	2.1.G.3.f.iii	2.1. G.3.f .ii	2.1.G3.fi	2.1.G.3.e	2.1.G.3 d.i-iii	2.1.G.3.c.i-v	21.G3.c.i-v	2.1.G.3.b.	2.1.G.3.a.	2.1.G.2.c	2.1.G.2.b	2.1.G.2.a	2.1.G.1.c	2.1.G.1.b	Permit Condition Number
Inspect hoses and belts annually or every	hrs [63,6602]	extend oil change frequency [63,6602]	hrs [63.6602]	requirements October 19, 2013 [40 CFR 63,6595(a)]	requirements May 3, 2013 [40 CFR 63.6595(a)]	Lunt non-emergency operation to <50 hrs/yr for purposes not listed in permit [40 CFR 63,6640]	hrs/yr for purposes listed in permit [40 CFR 63.6640]	situations [40 CFR 63.6640(f)]	Maintain a signed MAC1 applicability determination [40 CFR 63.10(b)(3)]	agencies (DAQ/EPA) specified in permit [40 CFR 63.9]	specified in permit [40 CFR 63.9]	Initial notification shall be submitted within 120-days of startup [40 CFR 63.9]	Must comply with Subpart ZZZZ initial notification requirements [40 CFR 63.9]	ES-Gen-12 and 49 must meet CI NSPS [2D .1111]	Monitoring not required when burning diesel fuel [2Q .0508(f)]	Emission testing shall comply with General Condition II [2Q .0508(f)]	percent opacity when averaged over a six manute period [2D_0521]	Monitoring not required when burning diesel fuel [2Q .0508(f)]	Emission testing shall comply with General Condition II [2Q .0508[0]	Terms and Conditions Condition Summary
V/A	N/A	N/A	NIA	N/A	NO	NO	No	N/A	NO	NO	NO	NO	NO	N/A	N/A	NO	NO	N/A	NO	Deviations? (Yes / No)
	N/A	N/A	N/A	NIA	YES	YES	YES	N/A	NA	AIN	N/A	N/A	N/A	A/N	N/A	AIN	YES	N/A	A/N	Records Maintained? (Yes/No/NA)
	N/A	NIA	AIN	N/A	NIA	AïN	A/N	N/A	AW	N/A	NW	N/A	AiN	YIN	Y/N	Y/N	N/A	N/A	VIN	Was Deviation a non- compliance issue? (Yes / No)
	A/N	A/N	A'N	AIN	Recardkeeping	Recordkeeping	Recordkeeping	A/N	Recordkeeping	Recordkeeping	Recordkeeping	Recordcoping	Recordkeeping	A/N	A/N	N/A	Recordkeeping	VIN	A/N	Method(s) of Determining Compliance Status
Not applicable to New RICE>500 Hp.	Not applicable to New RICE>500 Hp. Permit Table 2.1 G 3-1	Not applicable to New RICE>500 Hp. Permit Table 2.1.G.3-1.	Not applicable to New RICE>500 Hp. Permit Table 2.1.G.3-1.	All 19 units are diesel-fired										ES-Gen-12 and 49 are <500 Hp units.						Comments

			Terms and Conditions	1000000	,			
Emission Source Description	Device ID Number(s)	Permit Condition Number	Condition Summary	Deviations? (Yes / No)	Maintained? (Yes/No/NA)	Was Deviation a non- compliance issue? (Yes / No)	Method(s) of Determining Compliance Status	Comments
19 New RICE >500 Hp (Em. Gens and F. Pumps)	Permit Table 2.1.G.3-1	21.G.3.m.	Limit idle and startup time to <30 min.	NIA	TILK			Not applicable to New RICE>500 Hp.
O New PICE SOO H		50.5			1075	VIA	NA	Permit Table 2.1.G.3-1.
(Em. Gens and Fire Pumps)	Permit Table 2.1.G.3-1	2.1.G.3.n.	Operate and maintain per manufacturer instructions [63,6625(a)]	Ni	NII.			Not applicable to New RICE>500 Hp
19 New RICE >500 Hp			Install a non-resettable operating hour	VAV	NIA	NA	N/A	Permit Table 2.1.G.3-1.
(Em. Gens and F. Pumps)	Permit Table 2.1.G.3-1	2.1.G.3.o.	meter [63.6625(f)]	N/A	N/A	NII.		Not applicable to New RICE>500 Hp.
TO NEW PACE / SOUTH			Maintain records of all notifications and			1978	MA	Permit Table 2.1.G.3-1.
Em. Gens and F. Pumps)	Permit Table 2.1.G.3-1	2.1.G.3.p.i	reports [63.6655]	NO O	YES	N/A		
17 New NICE >300 Hp			Maintain records of all malfunctions and			Min	recordxeeping	
19 New RICE > 600 Ha	Permit Table 2.1.G.3-1	2.1.G.3.p.ii	corrective actions [63.6655]	NO	YES	NA	Recording	
Constitution			Maintain records of all maintenance				Series in the series	
10 New BICE SCOOLS	Permit Table 2.1.G.3-1	2.1.G.3.p.iii	performed [63.6655]	N	YES	N/A	Bassallania	
Contract / Doorly			Maintain records of operating hours during				Madamaday	
DOWN PICE (SOUTH	Permut Table 2.1.G.3-1	2.1.G.3.p.iv	emergency/testing [63.6655]	NO	YES	N/A	Bush	
Contract - John Ho	1		Retain readily accessible records for 5				Macountaching	
19 New RICE >500 Ha	Permit Table 2.1.G.3-1	2.1.G.3.q.	years [63.6660]	NO	YES	N/A	Barordbaning	
Gene and E Power			Must submit Semiannual Compliance				The state of the s	
19 New RICE >500 Hp	Permut Table 2.1.G.3-1	2.1.G.3.r.	Reports [63.6650]	NO	YES	N/A	Recording	
Tens and E Dumps			E3-Gen-13 must comply with RICE	100000000000000000000000000000000000000			State of sta	
19 New RICE >500 Hn	remit table 2.1.G.3-1	2.1.G.3.s.	MACT [40 CFR 63.6585]	NA	N/A	N/A	N/A	SC - 13 is a saw 81 - 600 U
(Em. Gens and F. Pumps)	Permit Table 2 G 2.1	3.63.	ES-Gen-13 must with SI NSPS Subpart					ES CALLED IS A BEW SI COO ID UNIT
19 New RICE >500 Hp		1	SI NSPS requirements 40 CFR 60	AW	NA	N/A	N/A I	ES-Gen-13 is a new SI <500 Hp unit
(Em. Gens and F. Pumps)	Permit Table 2.1.G.3-1	2.1.G.4.	Subpart JJJJ]	N/A	NIA	N/A		
2 Existing RICE >300 Hp		25	SO2 emissions shall not exceed 2.3			1	N/A	All 19 umis are diesel-hred
12 Existing RICE >500 Hn	Permit Table 2.1.G.3-2	2.1.G.1.a	Ib/MMBtu [2D .0516]	NO	YES	N/A	Recordicening	
(Em. Gens and F. Pumps)	Permit Table 2.1.G.3-2	2.I.G.I.b	Condition JJ [20 .0508(f)]	5	N/A			

	N/A	N/A	N/A	NO	Сопшноп 3) [2Q. 0508(t)]	L		
	Recordkeeping	N/A	TES .	30	Emission testing shall comply with General	21 G 15 Em	Permit Table 2 J G 3-3	
All 12 units are diesel-fired	N/A All I		VEC	No.	b/MMBn [2D .0516]	2.1.G.1 a 1b/2	Permit Table 2.1.G.3-3	٦
E3-Gen-13 IS a new SI <300 Hp unit		N/A	N/A	N/A	Subpart JJJJ]	2.1.G.4. Su	Permit Table 2.1.G.3-2	1
Es Coult is the arch of Coonbuilt		A/N	N/A	N/A	SI NSPS requirements 40 CFR 60		T	P
14 - 13 is a new 81 - 600 H		A/N	N/A	N/A	MACT [40 CFR 63.6585] ES-Gen-13 must with SI NSPS Subpart		1	4
	Recordkeeping	N/A	YES	NO	ES-Gen-13 must comply with RICE	_[1	-
	Recordkoeping	N/A	YES	NO	Must submit Semiannual Compliance			_
	Recordseeping	N/A	YES	NO	Retain readily accessible records for 5			-
	Recordicaping	N/A	į		Maintain records of operating hours during		Permit Table 2.1.G.3-2	
	Recordkeeping	N/A	VEC 123	No l	faintain records of all maintenance informed [63.6655]	2.1.G.3.p.iii po	Permit Table 2.1.G.3-2	+
	Recordseeping	NA	VEC.	Š	Maintain records of all malfunctions and corrective actions [63,6655]	2.1.G.3.p.ii cc	Permit Table 2.1.G.3-2	+
Hp. Permit Table 2.1.G.3-2.	N/A Hp.	1	VEC	No	reports [63.6655]	2.1.G.3.p.i	Permit Table 2.1.G.3-2	+
Not applicable to Existing RICE>500		N/A	N/A	NA	Maintain records of all pacific	2.1.G.3.o.	Permit Table 2.1.G.3-2	-
t applicable to Existing RICE>500		NA A	N/A	N/A	Operate and maintain per manufacturer instructions [63.6625(a)]	2.1.G.3.n. ii	Permit Table 2.1.G.3-2	1
Not applicable to Existing RICE>500 Hp. Permit Table 2 1 G 3-2		N/A	N/A	N/A	63.6625(h)]	2.1.U.S.M.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5
At applicable to Existing RICE>50. Permit Table 2 1 G 3-2		NIA	N/A	N/A	Limit idle and startup time to <30 min.		Permit Table 2 1 G 2 2	Em. Gens and F. Pumps) P
ox applicable to Existing RICE>50 Permit Table 2 1 G 3-2	N/A H _D	N/A	N/A	N/A	Inspect hoses and belts annually or every		Tables	
Not applicable to Existing RICE>500 Hp. Permit Table 2.1.G.3-2.		NIA	N/A	NIA	An oil analysis program may be used to extend oil change frequency [63,6602] happen air filter annually or every 1,000		Permit Table 2.1.G.3-2 Permit Table 2.1.G.3-2	(Em. Geas and Fire Pumps) F 12 Existing RICE >500 Hp (Em. Geas and F. Pumps) P
Not applicable to Existing RICE>500		AIN	NIA	N/A	hrs [63.6602]	2.1.G.3.i.	remut table 2, I.U.3-2	
S min in Table 2 10 2		NIA	N/A	N/A	63.6595(a)] Change oil and filter annually or every 500	2.1.G.3.h	Permit Table 2.1.G.3-2	4
	Recordkeeping	N/A	YES	NO	Comply with RICE MACT SI	9		
	Recordsceping	NA	Ē	ā	Comply with RICE MACT CI requirements May 3, 2013 [40 CFR	2163.	Permit Table 2.1.G.3-2	12 Existing RICE >500 Hp (Em. Gens and Fire Pumps)
	New Company			<u></u>	hrs/yr for purposes not listed in permit [40]	2.1.G.3.f.iii	Permit Table 2.1.G.3-2	(Em. Gens and Fire Pumps)
	0	NA	YES	NO	CFR 63.6640]	2.1.G.3.f.ii	Permit Table 2.1.G.3-2	-
	Smd	AIN	YES	NO	Limit non-emergency operation to < 100	2.1.G3.f.i	. c.iiii. 14016 2.1.U.3-2	12 Existing RICE >500 Hp
Not applicable to Existing RICE>500		AIN	N/A	N/A	Unrestricted operation in emergency	- 1	Permit Table 2.1.0.3-2	12 Existing RICE >500 Hp (Em. Gens and F. Pumps)
Not applicable to Existing RICE>500	N/A	NIA	N/A	N/A	Maintain a signed MACT applicability	E	Positive Labor 2.1.G.3-2	12 Existing RICE >500 Hp
Hp. Permit Table 2.1.G.3-2.	N/A P	NA	NA	ing	laitial notification must be submitted to agencies (DAQ/EPA) specified in permit		Partie 2 1 C 2 2	12 Existing RICE >500 Hp (Em. Gens and Fire Pumps)
Hp. Permit Table 2.1.G.3-2. Not applicable to Existing RICE-Son.	N/A F	N/A	N/A	N N	Initial notification must contain data specified in permit [40 CFR 63.9]	2.1,G.3.c.j-v	Permit Table 2.1.G.3-2	(Em. Gens and F. Pumps)
ES-Gen-12 and 49 are <500 Hp units	NA	1975	1	No.	Must comply with Subpart ZZZZ initial notification requirements [40 CFR 63 9]	2.1.G.3.b.	Permit Table 2.1.G.3-2	12 Existing RICE >500 Hp (Em. Gens and Fire Pumps) 12 Existing RICE >500 Hn
		N/A	N/A	A/N	[2D .1111]	2.1.G.3.a	Permit Table 2.1.G.3-2	(Em. Gens and F. Pumps)
		NIA	N/A	N/A	diesel fuel [2Q .0508(f)]	2.1.G.2.c	Permit Table 2.1.G.3-2	12 Existing RICE >500 Hp
	N/A	NIA	N/A	NO	Condition JJ [2Q .0508(f)] Monitoring not required when burning	2.1.G.2.b	Permit Table 2.1.G.3-2	12 Existing RICE >500 Hp
	Recordscening	N/A	YES	No	percent opacity when averaged over a six minute period [2D .0521] Emission testing shall complex with Garantee	2.1.G.2.a	Permit Table 2.1.G.3-2	(Em. Gens and Fire Pumps) 12 Existing RICE >500 Hp
	AIN	N/A	N/A	AIN	diesel fuel [2Q0508(f)] Visible emissions shall not exceed 20	2.1.G.1.c	Permit Table 2.1.G.3-2	(Em. Gens and F. Pumps)
Comments	Method(s) of Determining Compliance Status	was Deviation a non- compliance issue? (Yes / No)	Maintained? (Yes/No/NA)	Deviations? (Yes / No)		Permit Condition Number	Device ID Number(s)	12 Existing RICE >500 Hp
			Barrad		Terms and Conditions		Source or Control	Emission Source Description

E. Paragid Franch (1962) Condition Stimmary Control			I VIVI			comply with NSPS Submart &	Mus		der
Edit Particol Pa		P	A/A	YES	No	.0508(f)]		mit Table 2.1.G.3-3	
Princip Prin	Only	Recordiceping	AIN	YES	NO	part JJJJ]		mit Table 2.1.G.3-3	0 Hp
	Onlya	Recordkeeping	A/N	YES	NO	[2Q .0508(f)] [SPS requirements [40 CFR 60	Ĺ	rmit Table 2.1.G.3-3	5
Princip Prin	Onlya	Recordkeeping	N/A	YES	NO	CT [40 CFR 63.6585] Gen-13 must with SI NSPS Subpart		rmit Table 2.1.G.3-3	
Particul I Number(1)		Recordiscoping	N/A	YES	NO	orts [63,6650] Gen-13 must comply with RICE		crmst Table 2.1.G.3-3	
Condition Stimmary (Yes 1 No) Marketed Complement Stimmary (Yes 1 No) Marketed Complement Stimmary (Yes 1 No) December 1 Premis Table 21 G.3.3 21 G.2.1 December 3		Recordkeeping	N/A	YES	NO	rs [63.6660] st submit Serniannual Compliance		crmit Table 2.1.G.3-3	
Condition Symmary (Yel 1No) Multimeter Complainer		Recordkeeping	N/A	YES	NO	ain readily accessible records for 5	1	+	1
Print Table 21 G.3.3 21 G.3.4 21 G.3.5 21 G.3.4 21 G.3.5 21 G.3.		Recordiceping	NIA	YES	NO	intain records of operating hours during			
Condition Summary		Recordceping	NIA	YES	NO	intain records of all maintenance	30	+	-
Permit Table 2.1 G.3.5 2.1 G.2.1 Exception Stanmary Condition St		Recordkeeping	N/A	YES	NO	orts [63.6655] intain records of all malfunctions and		ermit Table 2.1.G.3-3	_
Permit Table 2.1G.3.3 2.1G.2.4 American Material Statemary Cast No. Carebonary Cast No.	Not applica Permit Tab	NIA	N/A	N/A	N/A	sintain records of all notifications and		ermit Table 2.1.G.3-3	1
Permit Table 2.1 G.3.5 2.1 G.3.6 According Strainmany Permit Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part of the part Table 2.1 G.3.5 2.1 G.3.6 According port of the part of the part of table 2.1 G.3.5 2.1 G.3.6 According port of the part of table 2.1 G.3.5 2.1 G.3.6 According port of the part of table 2.1 G.3.5 2.1 G.3.6 According port of table 2.1 G.3.5	Not applica Permit Tab	AIN	N/A	NIA	N/A	perate and maintain per manufacturer tructions [63.6625(a)] ttall a non-resettable operating hour		Permit Table 2.1.G.3-3	(Em. Gens and Fire Pumps) 10 New RICE 500 Hp
December	Not applica Permit Tab	AW	N/A	N/A	N/A	3.6625(b))		Permut Table 2.1.G.3-3	n. Gers and r. rumps)
Demail Table 2.1 G.3-3 2.1 G.2 to Demail Table 2.1 G.3-3 2.1 G.3 to Demail Table 2.1 G.3 to De	Not applica Permit Tab	NIA	AIN	N/A	A/N	70 hrs [63,6602] mit idle and startup time to <30 min.		Permit Table 2.1.G.3-3	IO New RICE S00 Hp
December	Permit Tab	N/A	N/A	N/A	AW	spect hoses and belts annually or every		FEITHER LADIC Z.I.U.S-S	10 New RICE S00 Hp
Device ID Number(s)	Not applica Permit Tab	VIN	NIA	AIN	AW	n oil analysis program may be used to tend oil change frequency [63,6602] spect air filter annually or every 1,000		Permit Table 2.1.G.3-3	(Em. Gens and Fire Pumps) 10 New RICE <500 Hp
Permit Table 2.1.G.3-3 2.1.G.2 to design from principle with Subpart 2222 initial permit Table 2.1.G.3-3 2.1.G.3 to design from the following permit Table 2.1.G.3-3 2.1.G.3 to design from the following permit Table 2.1.G.3-3 2.1.G.3 to design from the following permit Table 2.1.G.3-3 2.1.G.3 to design from the following permit Table 2.1.G.3-3 2.1.G.3 to design from the following permit Table 2.1.G.3-3 2.1.G.3 to design from the following permit Table 2.1.G.3-3 2.1.G.3 to design from the following permit Table 2.1.G.3-3 2.1.G.3 to design from the following permit Table 2.1.G.3-3 2.1.G.3 to design from the following permit Table 2.1.G.3 to determination following permit following	Not applic Permit Tat	AIN	AIN	NIA	ANA	rs [63.6602]	\perp	Permit Table 2.1.G.3-3	O New BICE (500 H
Desire ID Number(8) Number Condition Summary (Yes / No) Maintained? compliance issue?		Recordkeeping	NIA	YES	NO	equirements October 19, 2013 [40 CFR 3.6595(a)] hange oil and filter annually or every 500		Permit Table 2,1,G,3-3	(Em. Gens and Fire Pumps) 10 New RICE <500 Hp
Permit Table 2.1.G.3-3 2.1.G.2.c Monitoring not required when burning N/A N/A N/A N/A N/A N/A Permit Table 2.1.G.3-3 2.1.G.2.c Emission referring half conceed 20 Permit Table 2.1.G.3-3 2.1.G.2.c Emission referring half comply with General N/O YES N/A N/A N/A N/A N/A N/A N/A Permit Table 2.1.G.3-3 2.1.G.2.c Monitoring not required when burning N/A N/A N/A N/A N/A N/A Permit Table 2.1.G.3-3 2.1.G.2.c Monitoring not required when burning N/A N/A N/A N/A N/A Permit Table 2.1.G.3-3 2.1.G.2.c Monitoring not required when burning N/A		Recordkeeping	N/A	YES	NO	equirements May 3, 2013 [40 CFR 3.6595(a)] Somply with RICE MACT SI		Permit Table 2.1.G.3-3	(Em. Gens and Fire Pumps)
Permit Table 2.1.G.3-3 2.1.G.2.b Condition Summary (Yes / No) (Yes/No/NA) (Yes / No) (Yes/No/NA) (Yes / No) (Yes/No/NA) (Yes / No) (N/A	YES	NO	omply with RICE MACT CI		C.F.D.1.7 propriet	New RICE <500 Ha
Permit Table 2.1.G.3-3 2.1.G.2 disself fiel [20, 0508(0)] Number Condition Summary (Yes / No) (Yes/No/NA) (Yes/No)		Recordkeeping	NA	ē	i	init non-emergency operation to <0 us/yr for purposes not listed in permit [40		Permit Table 2 1 G 1.3	10 New RICE ≤500 Hp (Em. Gens and Fire Pumps)
Permit Table 2.1.G.3-3 2.1.G.2 to Permit Table 2.1.G.3-3 2.1.G.3 to Permit Table 2.1.G.3-3		· · · · · · · · · · · · · · · · · · ·		VE6	Š	rs/yr for purposes listed in permit [40 CFR 63.6640]		Permit Table 2,1,G.3-3	10 New RICE ≤500 Hp (Em. Gens and Fire Pumps)
Permit Table 2.1.G.3-3		Recording	AIN	YES	NO	situations [40 CFR 63 6640(f)]		Permit Table 2.1.G.3-3	Em. Gens and F. Pumps)
Permit Table 2.1.G.3-3	1	Recordkeeping	NIA	YES	NO	determination [40 CFR 63.10(b)(3)]		Permit Table 2.1.G.3-3	(Em. Gens and F. Pumps) 10 New RICE <500 Hp
Permit Table 2.1.G.3-3 2.1.G.2.a Monitoring not required when burning Number Condition Summary (Yes / No) (Y		Paradhania	N/A	YES	NO	agencies (DAQ/EPA) specified in permit 40 CFR 63.91		Permit Table 2.1.G.3-3	IO New RICE \$500 Hp (Em. Gens and Fire Pumps) IO New RICE \$500 Hp
Permit Table 2.1.G.3-3 2.1.G.2.a Monitoring not required when burning with Table 2.1.G.3-3 2.1.G.2.a Monitoring not required when burning with Table 2.1.G.3-3 2.1.G.2.a Monitoring not required when burning with General Condition \$1/20, 0.008(0) N/A		Recordkeeping	NIA	YES	NO	specified in permit [40 CFR 63.9]		Permit Table 2.1.G.3-3	(Em. Gens and F. Pumps)
Permit Table 2.1.G.3-3 2.1.G.2.a Permit Table 2.1.G.3-3 Permit Table 2.1.G.3-3 2.1.G.2.a Permit Table 2.1.G.3-3		Recordiceping	NIA	YES	NO	Must comply with Subpart ZZZZ initial notification requirements [40 CFR 63.9] Initial notification must contain data.	2.1.G.3.b.	Permit Table 2.1.G.3-3	(Em. Gens and Fire Pumps) 10 New RICE 500 Hp
Permit Table 2.1.G.3-3		Recordkeeping	N/A	YES	NO	[20.1111]	2.1.G.3.a.	Permit Table 2.1.G.3-3	(Em. Gens and F. Pumps)
Permit Table 2.1.G.3-3		N/A	N/A	N/A	N/A	diesel fuel [2Q0508(f)] ES-Gen-12 and 49 must meet CI NSPS	2.1.G.2.c	Permit Table 2.1.G.3-3	10 New RICE 500 Hp
Permit Table 2.1.G.3-3 2.1.G.2.a Emission testing shall comply with General No. (Yes / No.) Condition Summary (Yes / No.) Maintained? compliance issue? (Yes / No.) Monitoring not required when burning diesel fuel [2Q. 0508(f)] N/A			N/A	N/A	NO	Condition JJ [2Q .0508(f)] Monitoring not required when burning	2.1.G.2.b	Permit Table 2.1.G.3-3	10 New RICE <500 Hp
Number Condition Summary (Yes / No) Maintained? compliance issue?			AIN	YES	NO	percent opacity when averaged over a six minute period [2D 0521] Enussion testing shall comply with General	2.I.G.2.a	Permit Table 2.1.G.3-3	(Em. Gens and Fire Pumps) 10 New RICE 500 Hp
Number (S) Number (Yes/No) (Yes/No) (Yes/No) (Yes/No) (Yes/No)	+	N/A	A/N	AIN	N/A	diesel fuel [2Q .0508(f)] Visible emissions shall not exceed 20	2.1.G.1.c	Permit Table 2.1.G.3-3	(Em. Gens and F. Pumps)
Permit Condition Deviations?	ging	Method(s) of Determining Compliance Status	compliance issue? (Yes / No)	Maintained? (Yes/No/NA)	(Yes / No)	Condition Summary	Number	Device ID Number(s)	10 New RICE <500 Hp

	Recordkeeping	AIN	YES	NO	requirements May 3, 2013 [40 CFR 63.6595(a)]	2.1.G.3.g fequ	Permit Table 2.1.G.3-4	(Em. Gens and Fire Pumps) Pen
	Recordbassing	N/A	YES	NO	hrs/yr for purposes not listed in permit [40 CFR 63.6640] Comply with RICE MACT CI	2.1.G.3.f.iii CFI	Permit Table 2.1.G.3-4	
	Recordkeeping	NA	YES	NO	CFR 63.6640] Limit non-emergency operation to <50	2.1.G.3.f.ii CFI	Permit Table 2.1.G.3-4	-
	Recordkeeping	AIN	YES	NO	Limit non-emergency operation to <100			
	Recordkeeping	N/A	YES	NO	Unrestricted operation in emergency		Permit Table 2.1.G.3-4	
Not applicable to Existing RICE ≤500 Hp. Permit Table 2.1.G.3-4.	N/A H	N/A	N/A	N/A	40 CFR 63.9] Maintain a signed MACT applicability determination 140 CFR 63 100-3231	2.1.G.3.e det	Permit Table 2.1.G.3-4	47 Existing RICE <500 Hp (Em. Gens and F. Pumps) Per
ip. Permit Table 2.1.G.3-4.	N/A	N/A	NA A	Ä	Initial notification must be submitted to agencies (DAQ/EPA) specified in permit		-	
Not applicable to Existing RICE <500 Hp. Permit Table 2.1.G.3.4. Not applicable to Existing BICE 400	N/A F	NVA	NIA	AIN AIN	notification requirements [40 CFR 63.9] Initial notification must contain data specified in permit [40 CFR 63.9]	2.1.G.3.b. Inc 2.1.G.3.c.i-v sp	Permit Table 2.1.G.3-4	47 Existing RICE <500 Hp (Em. Gens and F. Pumps) Pe
Hp. Permit Table 2.1.G.3-4.	N/A I	N/A	N/A	N/A	Must comply with Subpart ZZZZ initial			
	N/A	NIA	NA	NA	ES-Gen-12 and 49 must meet CI NSPS		Permit Table 2.1.G.3-4	
	N/A	N/A	N/A	NO	Monitoring not required when burning	21.G2c M	Permit Table 2.1.G.3-4	
	Recordkeeping	N/A	YES	NO	minute period [2D, 0521] Emission testing shall comply with General		Permit Table 2.1.G.3-4 Permit Table 2.1.G.3-4	_
	N/A	NIA	N/A	N/A	Visible emissions shall not exceed 20			
	NIA	N/A	N/A	NO	Monitoring not required when burning		Permit Table 2 G 3.4	-
	Recordkeeping	N/A	YES	NO	lb/MMBtu [2D .0516] Emission testing shall comply with General		Permit Table 2 G 3-4	47 Existing RICE ≤500 Hp (Em. Gens and F. Pumps) F
Only applicable to ES-Gen-13	Recordkeeping	AIN	YES	NO	SO2 emissions shall not exceed 2.3	_	ermit Table 2 G 2 4	
Only applicable to ES-Gen-13	Recordkeeping	AIN	YES	NO	Must submit Semiannual Compliance	2.1.G.4.j.jv.	Permit Table 2.1.G.3-3	
Only applicable to ES-Gen-13	Recordceping	N/A	YES	N	Maintain records of all emergency and non-		i :	
Only applicable to ES-Gen-13	Recordkeeping	N/A	YES	3 8	Maintain documentation of manufacturer certification [20, 0508/6]		Permit Table 2.1.G.3-3	
Only applicable to ES-Gen-13	Recordkeeping	AIN	YES	NO	Maintain records of all maintenance on engine [20,0508/fi]		Permit Table 2.1.G.3-3	_
Only applicable to ES-Gen-13	Recordkeeping	AIN	YES	NO	Maintain records of all notifications [2Q 0508(6)]		Permit Table 2.1,G.3-3	
Only applicable to ES-Gen-13	Recordkeeping	N/A	Ē		hrs/yr for purposes not listed in permit [2Q	316.4.3	Permit Table 2.1.G 3-3	10 New RICE ≤500 Hp (Em. Gens and Fire Pumps)
Only applicable to ES-Gen-13	Recordkeeping	NIA	YES YES	No 3	Limit non-emergency operation to <100 hrs/yr for purposes listed in permit [2Q 0508(b)]	2.I.G.4.i.2.	Permit Table 2.1,G.3-3	ips)
Only applicable to ES-Gen-13	Recordkeeping	N/A	YES	NO NO	.0508(b)) No restriction on operating hours in emergencies (70 0508(b))	2.1.G.4.1. 2.1.G.4.1.1.	Permit Table 2.1.G.3-3 Permit Table 2.1.G.3-3	10 New RICE S00 Hp (Em. Gens and F. Pumps)
Only applicable to ES-Gen-13	Recordkeeping	AIN	YES	NO	over life of eagine [2Q_0508(b)] Non-emergency operating hours must be restricted as defined in permit [20]	2.1.G.4 h.	Permit Table 2.1,G.3-3	10 New RICE S00 Hp (Em. Gens and F. Pinner)
Only applicable to ES-Gen-13	Recordkeeping	NiA	YES	NO	manufacturer instructions [2Q .0508(b)] Must operate per manufacturer instruction	2.1.G.4.g.	Permit Table 2.1.G.3-3	10 New RICE <500 Hp
Only applicable to ES-Gen-13	Recordkeeping	N/A	YES	NO	Must operate certified engine	2.1.0.4.1		10 New RICE S00 Hp
Only applicable to FS-Gr. 13	Recordsceping	AIN	YES	NO	Must purchase a manufacturer certified	2.1.G.4.e.	Permit Table 2.1.G.3-3	10 New RICE ≤500 Hp (Em. Gens and F. Pumps)
Only applicable to ES C - 13	Recordiceping	AIN	YES	NO	Equipped with a non-resettable operating	2.1.G.4.d.	Parmit Table 2.1.0,3-3	(Em. Gens and F. Pumps)
Only applicable to BS O	Recordkeeping	AIN	YES	NO	wust comply with emission limits in 60.4231(c) [2Q .0508(f)] Emission testing shall comply with General	2.1.G.4.c.	Permit Table 2.1.G.3-3	(Em. Gens and F. Pumps) 10 New RICE <500 Hp (Em. Gens and F. Pumps)
Comments	Method(s) of Determining Compliance Status	Was Deviation a non- compliance issue? (Yes / No)	Maintained? (Yes/No/NA)	Deviations? (Yes / No)		Permit Condition Number	Device ID Number(s)	10 New RICE ≤500 Hp
					Ierms and Conditions		Source or Control	Emission Source Description

	Performance Test/CPMS	N/A	YES	NO	applicable emission limits [63.6630]	2.1.H.3.fii app	ES-#006	Generator #1
	Recordkeeping	N/A	YES	NO	Must demonstrate compliance with		1000	Cogeneration Facility -
	Recordkeeping	N/A	į	5	Install, operate, and maintain CPMS per		ES-#006	Cogeneration Facility - Generator #1
	1	NII.	yaçı N	NO	ordance with 63.7(e) [63.6610]	2.1.H.3.e.i acc	ES-#006	Generator #1
	Recordisenino	N/A	YES	NO	Source must be operated to minimize emissions at all times [63.6605]	2.1.H.3.d.ii em	ES-#006	Cogeneration Facility - Generator #1
	Recordkeeping	A/N	YES	NO	SSM periods [63,6605]	2.1.H.3.d.i SS	ES-#006	Generator #1
	CPMS	AIN	YES	NO	Catalyst inlet temperature 450-1,350 °F [63.6600]	2.1.H.3.c.ii [6	ES-#006	Generation Facility
	CPMS	N/A	YES	NO	baseline limited per 63.6600 [63.6600]	2.1.H.3.c.i ba	ES-#006	Generator #1
	N/A	Ain	NIA	NA	at 15% O2 [63.6600(b)]	2.1.H.3.b.ii at	ES-#006	Generator #1 Cogeneration Facility -
	Performance Test	N/A	YES	NO	[63.6600(b)]	2.1.H.3.b.i	ES-#006	Generator #1 Cogeneration Facility -
	Recordiceping	N/A	YES	NO	provisions [63,6665]	2.1 H.3.a pi	ES-#006	
	N/A	N/A	AIN	N/A	No.2 fact oil [2Q0508(f)]	2.1.H.2.c N	ES-#006	Generator #1 Cogeneration Facility -
	N/A	N/A	NA	NO	Condition JJ [2Q .0508(f)]	2.1.Н.2.Ь	ES-#006	Generator #1 Cogeneration Facility -
	NIA	N/A	NIA	NO	minute period [2D.0521]	21H2a n	ES-#006	Generator #1 Cogeneration Facility -
	NIA	N/A	NA	NIA	Visible emissions shall not exceed 20			Commention Excility
	NA	NIA	NA	1 8	Monitoring not required when burning		ES-#006	Cogeneration Facility - Generator #1
	Recordkeeping	NA.	Nu. 15	5 8	Emission testing shall comply with General Condition JJ [20, 0508(6)]		ES-#006	Cogeneration Facility - Generator #1
ten to make any transmit must		NII	YES	No.	SO2 emissions shall not exceed 2.3 b/MMBtu [2D .0516]	2.1H1a 1	ES-#006	Generator #1
All 47 mais are avioline unit.	NIA	NA	N/A	N/A	Subpart JJJJ]	2.1.G.4.	Permit Table 2.1.G.3-4	₩.
ES Gran 13 is a new SI CSOO He wait	NIA	N/A	N/A	N/A	JJJJ [2Q .0508(f)]	2.I.G.3.t	Permit Table 2.1.G.3-4	-
ES-Gen-13 is a new SI <500 House	AIN	AW	N/A	NIA	MACT [40 CFR 63.6585]	2.1.G.3.s.	Permit Table 2.1.G.3-4	1
	Recordkeeping	N/A	YES	NO	Reports [63.6650]	2.1.G.3.r.	Permit Table 2.1.G.3-4	-
	Recordseeping	N/A	YES	NO	years [63.6660]	2.1.G.3.q.	Permit Table 2.1.G.3-4	
	Recordkeeping	AW	YES	NO	emergency/testing [63.6655] Retain readily accessible records for 5	2.1.G.3.p.iv	Permit Table 2.1.G.3-4	+
	Recordkeeping	N/A	YES	NO	Performed [63.6655]	2.1.G.3.p.iii	Permit Table 2.1.G.3-4	+
	Recordleping	N/A	YES	NO	corrective actions [63.6655] Maintain records of all maintenance	2.1.G.3.p.ii	Permit Table 2.1.G.3-4	+
	Recordkeeping	N/A	YES	NO	reports [63.6655] Maintain records of all malfunctions and	2.1.G.3.p.i	Permit Table 2.1.G.3-4	-
	Recordkeeping	N/A	YES	NO	meter [63.6625(f)]	2.1.G.3 o.	Permit Table 2, I.G.3-4	+
	Recordkeeping	NIA	YES	NO	Operate and maintain per manufacturer instructions [63.6625(a)]	2.1.G.3.n.	Permit Table 2.1.G.3-4	47 Existing RICE ≤500 Hp (Em. Gens and Fire Pumps) 47 Existing RICE ≤500 Hp
	Recordkeeping	AIN	YES	NO	[63.6625(h)]	2.1.G.3.m.	Permit Table 2.1.G.3-4	(Em. Gens and F. Pumps)
	Recordkeeping	N/A	YES	NO	500 hrs [63.6602]	2.1.G.3.1	Permit Table 2.1.G.3-4	(Em. Gens and F. Pumps) 47 Existing RICE <500 Hp
	Recordkeeping	N/A	YES	NO	hrs [63.6602] Inspect hoses and belts annually or every	2.1.G.3.k	Permit Table 2.1.G.3-4	(Em. Gens and F. Pumps) 47 Existing RICE ≤500 Hp
	Recordkeeping	NIA	YES	NO	An oil analysis program may be used to extend oil change frequency [63.6602] Inspect air filter annually or every 1 000	2.1.G.3.j.	Permit Table 2.1.G.3-4	47 Existing RICE ≤500 Hp (Em. Gens and Fire Pumps) 47 Existing RICE ≤500 Hp
	Recordceping	N/A	YES	NO	hrs [63,6602]	2.1.G.3.i.	Permit Table 2.1.G.3-4	(Em. Gens and F. Pumps)
	Recordkeeping	AIN	YES	NO	Comply with RICE MACT SI requirements October 19, 2013 [40 CFR 63.6595(a)]	2.1.G.3.h	Permit Table 2.1.G.3-4	47 Existing RICE <500 Hp (Em. Gens and Fire Pumps) 47 Existing RICE <500 Hp
Comments	Method(s) of Determining Compliance Status	compliance issue? (Yes / No)	Maintained? (Yes/No/NA)	Deviations? (Yes / No)		Permit Condition Number	Device ID Number(s)	Emission Source Description
		W 5	D. L.		Terms and Conditions		2	

			Terms and Conditions						J
Emission Source Description	Source or Control Device ID Number(s)	Permit Condition Number	Condition Summary	Deviations? (Yes / No)	Maintained? (Yes/No/NA)	Was Deviation a non- compliance issue? (Yes / No)	Method(s) of Determining Compliance Status	Comments	
Cogeneration Facility - Generator #1	ES-#006	2.1.H.3.f.iii	Must submit NOCS with results of initial compliance demonstration [63.6645]	NO	SEA	VIN	Recorderain		
Cogeneration Facility - Generator #1	ES-#006	2.1.H.3.f.iv	Must monitor at all times, except during CPMS malfunctions or OA 163.66351	Š	YEC		a secondary party and		
Cogeneration Facility - Generator #1	ES-#006	2.1.H.3.f.v	Must not use monitoring data during CPMS malfunctions or QA [63.6635]	NO	YES	N/A	Recordsceping		
Cogeneration Facility -	70		Must report all deviations and re-establish operating limits after equipment				secon mechanis		
Cogeneration Facility -	13-1000	2.1.H.3.I.M	Must operate in accordance with SSMP	NO	YES	NIA	N/A		_
Generator #1	ES-#006	2.1.H.3.f.vii	during SSM periods [63.6640]	NO	YES	N/A	Recordkeeping		
Generator #1	ES-#006	2.1.H3.fviii	Must report all deviations from MACT General Provisions [63.6630]	NO	YES	AIN	Recordkeeping		
Cogeneration Facility - Generator #1	ES-#006	2.1.Н.3.g.i	Must keep records of notifications, reports, SSM events, and performance tests and evaluations [63,6655]	NO	YES	NIA	Recordceping		
Cogeneration Facility - Generator #1	ES-#006	2.1.Н.3.дл	Must keep records of all CPMS evaluations and QA actions [63.6655]	No	YES	A/N	Recording		
Cogeneration Facility - Generator #1	ES-#006	2.1.H.3.g.iii	Must keep records of test and CPMS data to document compliance [63,6655]	NO	YES	AIN	Recordkeeping		
Cogeneration Facility - Generator #1	ES-#006	2.1.H3.g.iv	Records must be available in suitable form for expeditious review [63.10(b)(1)]	NO	YES	N/A	Recording		

Emission Source Description	Device ID Number(s)	Permit Condition Number	_	Deviations? (Yes / No)	Records Maintained? (Yes/No/NA)	Was Deviation a non- compliance issue? (Yes / No)	Method(s) of Determining Compliance Status	Comments
Cogeneration Facility -	ES HOO		Records must be kept for five years					
Cogeneration Facility -	13-4000	2.1.H.3.g.v	Must submit all posifications in MACT	NO	YES	N/A	Recordkeeping	
Generator #1	ES-#006	2.1.Н.3.Ь.і	General Provisions [63.6645]	NO	YES	AIN.	:	
Generator #1	ES-#006	2.1.H.3.h.ii	Must submit initial notification within 120- days of startup [63.6645]	5	VEC	W	Recordsceping	
Generator #1	ES-#006	2.1.H.3.h.iii	Must submit testing notification 60-days prior to test [63 7/h)(1)]	5	į į	NA	Recordkeeping	
Generator #1	ES-#006	316316	Must submit NOCS within 60-days of	ā	163	NA	Recordkeeping	
Cogeneration Facility - Generator #1	ES-HOOK	ATTION A	Must submit Semiannual Compliance	NO	YES	AIN	Recordkeeping	
Cogeneration Facility -		V.U.C.II.1.2	First Compliance Reports due by July 31	NO	YES	NA	Recordkeeping	
Ocnerator #1	ES-#006	2.1.H3.b.vi	or January 31 [63,6650]	NO	YES	N/A	Recordkeening	•
Cogeneration Facility -	ES-#006	2.1.H.3.b.vii	Subsequent Compliance Reports must	ś				
Generator #1	ES-#006		Compliance Reports must present all data specified in permit [63.6650]	S	VEC .	NIA.	Recordsceping	
Generator #2	ES-#007	2.1.H.l.a	SO2 emissions shall not exceed 2.3			NA	Recordkeeping	
Cogeneration Facility - Generator #2	ES-#007		Emission testing shall comply with General	NO	YES	N/A	Recordkeeping	
Cogeneration Facility - Generator #2	ES-4007		Condition JJ [2Q_0508(f)] Monitoring not required when burning	NO	N/A	NIA	AIN	
Cogeneration Facility -	1.5**007	71.H.1.c	No.2 fuel oil [2Q0508(f)] Visible emissions shall not exceed 20 percent opacity when averaged over a six	AIN	AIN	NIA	AIN	
Cogeneration Facility - Generator #2	ES-#007		minute period [2D .0521] Emission testing shall comply with General	NO	N/A	N/N	NIA	
Cogeneration Facility -	ES-#007		Condition JJ [2Q .0508(f)] Monitoring not required when burning	NO	N/A	N/A	N/A	
Generator #2 Cogeneration Facility -	ES-#007	2.1.H.2.c	No.2 fuel oil [2Q .0508(f)] Permittee shall comply with MACT reports	N/A	N/A	N/A	ANA	
Cogeneration Facility -	ES-#007	2.1.H.3.a p	provisions [63,6665]	NO	YES	AIN	Recordicemino	
Generator #2 Cogeneration Facility -	ES-#007	2.1.H.3.b.i	[63.6600(b)]	NO	YES	NIA	a secondaria	
Generation Facility	ES-#007	2.1H3,5,ii at	Formaldehyde emissions limited to 580 ppb at 15% O2 [63.6600(b)]	N/A	N/A	NI N	Performance Test	
Generator #2	ES-#007	2.I.H.3.c.i bi	Catalyst pressure drop change from baseline limited per 63,6600 [63,6600]	Š	YEV I	NII A	NA	
Cogeneration Facility - Generator #2	ES-#007		Catalyst inlet temperature 450-1,350 °F	ā ā		NA	CPMS	
Cogeneration Facility - Generator #2	ES-#007		Must be in compliance at all times, except SSM periods [63.6605]	NO S	YES	N/A	CPMS	
Cogeneration Facility - Generator #2	ES-#007	2.1.H.3.dii en	Source must be operated to minimize emissions at all times [63.6605]	NO	YES	N/A	рессийствий	

Emission Source Description Device ID Number(s) Cognetion Facility. ES-4007 ES-4007 2.1 H 3 ci Cognetion Facility. ES-4007 2.1 H 3 cii Cognetion Facility. Cognetion Facility. ES-4007 2.1 H 3 cii Cognetion Facility. Cognetion Facility. Cognetion Facility. Cognetion Facility. ES-4007 2.1 H 3 cii Cognetion Facility. ES-4007 2.1 H 3 cii Cognetion Facility. Cognetion Facility. ES-4007 2.1 H 3 cii Cognetion Facility. ES-4007 2.1 H 3 cii Cognetion Facility. ES-4007 2.1 H 3 cii Cognetion Facility. Cognetion Facility. ES-4007 2.1 H 3 cii Cognetion Fac				Terms and Conditions					
ES-4007 2.1 H.3.c.i accordance with 63.7(e) [63.6610] NO YES N/A	Emussion Source Description		Permit Condition Number		Deviations? (Yes / No)	Records Maintained? (Yes/No/NA)	Was Deviation a non- compliance issue?	Method(s) of Determining Compliance Status	Comments
ES-4007 2.1 H.3 f.ii applicable emission limits [63.8 [63.6625] NO YES N/A	denerator #2	E6-E007		Test within 180-days of startup in					
ES-4007 2.1 H.3 f.ii Gas 66251 NO YES N/A	ogeneration Facility -	FO-100/	2.1.H.3.C.1	accordance with 63.7(e) [63.6610]	No	YES	YIIX		
ES-4007 2.1H.3.fii Must submit NOCS with results of initial NO YES N/A	enerator #2	ES-#007		Install, operate, and maintain CPMS per			NA	Kecordkeeping	
ES-4007 2.1H.3.f ii applicable emission impressor struit Sac 6300 NO YES NIA	Ogeneration Facility -			Must demonstrate compliance with	NO	YES	N/A	Recordkeeping	
ES-4007 2.1 H.3.f iii	renerator #2	ES-#007		applicable emission limits [63.6630]	NO	YES	N/A		
ES-4007 2.1 H 3.f iii	ogeneration Facility -			Must submit NOCS with secults of initial			MA	refformance Last/CPMS	
ES-4007 2.1H.3 fiv CPMS malifunctions or QA [63 6635] NO YES N/A	enerator #2	ES-#007		compliance demonstration [63.6645]	NO	YES	NA	Property	
CPMS malfunctions or QA (63 6635)	ogeneration Facility -	EC FOOT	25-	Must monitor at all times, except during				vecoloreding	
ES-4007 2.1 H 3.f v CPMS malifunctions or QA [63.6635] NO YES N/A	generation Facility -		-	Must not use monitoring data during	NO	YES	N/A	Recordkeeping	
Must keep records of all CPMS NO YES N/A	nerator #2	ES-#007		CPMS malfunctions or QA [63,6635]	NO	YES	Nii		
ES-4007 2.1 H 3.f.vi Inodifications (15.6 dolg) NO YES N/A	generation Facility -			Must report all deviations and re-establish			N/A	Kecordkeeping	
ES-4007 2.1H.3.f.vii during SSM periods [63.6640] NO YES N/A ES-4007 2.1H.3.f.vii deviations from MACT NO YES N/A Must keep records of notifications, reports, SSM events, and performance tests and evaluations [63.6651] NO YES N/A ES-4007 2.1H.3.g.ii evaluations [63.6653] NO YES N/A ES-4007 2.1H.3.g.ii evaluations [63.6653] NO YES N/A Must keep records of all CPMS ES-4007 2.1H.3.g.ii evaluations [63.6653] NO YES N/A	nerator #2 generation Facility -	ES-#007		operating limits after equipment modifications [63.6640]	NO	YES	Ni.		
ES-4007 2.1H 3.f viii Genral Provisions [63.6650] Must keep records of notifications, reports, SSM events, and performance tests and ES-4007 2.1H 3.g ii evaluations [63.6655] Must keep records of all CPMS ES-4007 2.1H 3.g ii evaluations [63.6655] Must keep records of all CPMS ES-4007 2.1H 3.g ii evaluations [63.6655] Must keep records of all CPMS ES-4007 2.1H 3.g ii evaluations [63.6655] Must keep records of all CPMS ES-4007 2.1H 3.g ii evaluations [63.6655] Must keep records of all CPMS	nerator #2	ES-#007		Must operate in accordance with SSMP during SSM periods [63.6640]	NO	YEV	NIA.	NA	
ES-4007 ES-	nerator #2	ES-#007	_	Must report all deviations from MACT Genral Provisions [63,6650]	NO	YES	N. N.	Kecordkeeping	
ES-#007 2.1 H.3 g.ii evaluations and QA actions (63:6655)) NO VES	generation Facility - nerator #2	ES-4007		Must keep records of notifications, reports, SSM events, and performance tests and reports for 63 66661				s contracting	
VEC	generation Facility - nerator #2	ES-#007		Must keep records of all CPMS	3	YES	N/A	Recordkeeping	

North Carolina Department of Environment and Natural Resources Division of Air Quality

COMPLIANCE SUMMARY REPORT FOR GENERAL CONDITIONS

For Calendar Year 2014

J. I	3.X	3.W	0.4	3.T	3.Q	3.P	0.0	30.52	3.M	3.K	3.LA, 3.1.B	3.H	3.G	3.D	3.B	3A	Permit Condition
Confidential information	Annual emission inventory requirement	Annual fee payment	hispection and entry	facility	Certification by responsible official	Annual compliance certification	Referition of records	Daty to supplement	by director	Permit renewal every five year Duty to submit any information requested	Reporting requirements for excess emissions and permit deviations	Changes not requiring permit modifications	Permit modifications and applications	Submissions of reports to regional office	Permit available at facility	General Provisions	on Condition Summary
No	N _o	N _o	No	N _o	No	N ₀	No	No	No	No	No	No	No	No	N ₀	No	Deviations? (Yes / No)
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Records Maintained? (Yes/No/NA)
No	No	No	No .	No	No	No	No		No	No	No	No	No.	No	N ₀	N ₀	Was Deviation a non- compliance issue? (Yes / No)
Recordkeeping	Submitted to DAQ June 2014.	Payment submitted to NC DENR August 2014	No access denied	Records retained at EHS.	Signature on all reports, applications, certifications.	Completed and submitted to DAQ/EPA February 25, 2015	Records retained at Facility.	Recordkeeping	Recordkeeping	expires 4/30/2016	Recordkeeping	Recordkeeping	Permit modifications submitted and DAQ stamped copies retained at Facility.	DAQ stamped copies of all submitted reports retained at Facility.	Copy of permit available in Regulatory Compliance Coordinator's office.	Recordkeeping	Method(s) of Determining Compliance Status
				List of sources included in Title V permit #03069T32		DAQ stamped copy retained at Facility.											Comments

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	Terms and Conditions					
Permit Condition Number	Condition Summary	Deviations? (Yes / No)	Records Maintained? (Yes/No/NA)	Was Deviation a non- compliance issue? (Yes / No)	Method(s) of Determining	Com
			,	(2.00)	Combinance Status	Comments
3.Z	Construction and operation permits	Yes	Yes	V		turnely permit application not submitted for same-size replacement emergency generator ES-
	Standard application form and required		3	162	Recordkeeping	Gen-13. See attached Deviation Report.
3.AA	information	N _o	Yes	No	Recordkeening	
3.CC	Refrigerant requirements	Z V	Yes		Records kept on file at Chiller	
3.DD	Prevention of accidental releases – Section 112(r)	N/A	N/A		YIVA	
	Prevention of accidental releases "General			WA	NA	
3.EE	Duty Clause" - Section 112(r)(1)	N _o	Yes	Z.	7	
					Documented in Facility One Figh	
3.11	Ambient air quality standards Emission testing and reporting	No.	Yes	N _o	Dispersion modeling	Updated facility-wide modeling analyses for SO ₂ and NO ₂ with all permit applications
3.JJ	requirements	₹	Yes	ξ	complete and	Compliance, RATA, and quarterly linearity
	Reporting requirements for non-operating				reports submitted.	tests. DAQ stamped copies retained at Facility
3 NN	equipment	Ϋ́	Yes	N _S	Records retained at Facility	
	Middlication of IV permit	No	Yes		Records retained at Facility	
3.00	Third party participation & EPA review	No	Yes	No.		

University of North Carolina at Chapel Hill Deviation Summary Report

North Carolina Department of Environment and Natural Resources Division of Air Quality

DEVIATION SUMMARY REPORT

For Calendar Year 2014

	Г	Г	T	Т	T	Т	T	T	T	Т	T	_	Т	1	1	1				
																		Boiler Nos, 6 & 7	80 kW Emergency Generator	Emission Source Description
																		ES-001 & ES-002	ES-Gen-13	Control Device ID Number(s)
																		CO	All	Pollutant
																	1001	conduct annual 112(j) CO test within 11-13 mos. of previous	Failure to obtain permit prior to installation	Deviation Description
																		8/9/2014	3/26/2014	Deviation Date(s)
																		N/A	N/A	Deviation Duration
																The second secon		See attached Deficiency Report	See attached Deviation Report	Suspected Cause of Deviation
																		See attached Deficiency Report	See attached Deviation Report	Corrective Action Taken

DEVIATION REPORT The University of North Carolina at Chapel Hill

Air Permit No. 03069T32

Deviation #:

3-26-14

Date of Deviation:

Deviation identified 3/26/2014

Duration: NA

Previous Reports of Deviation:

Deviation Notification Letter

4/3/2014

Permit Condition Citation:

Date: Section 3 - General Conditions - Item Z.

Emission Source Identification #:

ES-Gen-13

Emission Source Description:

New 80 kW Propane-fired Emergency Generator at Davie Hall

Summary of Applicable Requirements: A construction and operating permit must be obtained prior to construction for

all new or modified sources.

Description of Deviation:

On March 26, 2014, UNC-EHS discovered that an existing 80 kW

propane-fired emergency generator at Davie Hall had been replaced with an identical-sized new 80 kW propane-fired emergency generator without submittal of a permit modification application. In contrast to the existing

unit, the new unit is subject to NSPS Subpart JJJJ.

Compliance Monitoring Method:

NA

Probable Cause of Deviation:

The UNC Gen Shop inappropriately assumed that replacement of the existing 80 kW emergency generator with an identical-sized new unit constituted a like-for-like replacement that did not warrant a

modification of the air permit. It was not recognized that the new unit was subject to different regulatory requirements (NSPS Subpart JJJJ)

than the existing unit.

Corrective Actions Taken:

The University notified DAQ of the deviation by letter dated 4/3/14. A permit modification application to add the new 80 kW propane-fired emergency generator to the air permit as an NSPS Subpart JJJJ source was submitted to DAQ on 6/4/14. The UNC-Gen Shop was directed to clear all future new emergency generators with UNC-EHS for

identification of any permitting requirements prior to installation. A nermit modification incornorating the new emergency generator was

DEFICIENCY REPORT The University of North Carolina at Chapel Hill Air Permit No. 03069T32

Deficiency #:

8-9-14

Date of Deficiency

Deficiency Effective 8//9/2014

Duration: NA

Previous Reports of Deficiency

Test Extension Request Letter

Date: 7/18/2014

Permit Condition Citation:

Section 2.1A.4.h.

Emission Source Identification #:

Boiler Nos. 6 & 7, ES-001 & 002

Emission Source Description:

2-323.17 MMBtu/hr boilers

Summary of Applicable Requirements: Annual 112(j) performance tests must be performed within 11 - 13 months of

previous performance tests.

Description of Deficiency:

The initial 112(j) performance tests on Boiler Nos. 6 & 7 were performed on July 9-10, 2013. During this testing, the boiler operating loads were only approximately 50% due to a turbine breakdown. A second round of testing was performed in March 2014 with boiler operating loads >90%, However, during the March testing, the test contractor inadvertly failed to record measured CO emissions. A subsequent turbine breakdown

prevented completion of the CO testing by 8/9-10/14.

Compliance Monitoring Method:

NA

Cause of Deficiency:

Failure of the test contractor to record the measured CO emission rates during the March 2014 performance tests and a subsequent turbine breakdown that prevented completion of the CO testing at desired boiler operating loads >90%.

Corrective Actions Taken:

In July 2014, the University requested a test schedule extension for completion of the CO testing after the turbine repairs could be completed and the boilers could be operated at >90% load. The extension request was approved by DAQ. Turbine repairs were completed on 12/16/14. Complete 112(j) performance tests for all the regulated pollutants, including CO, were performed on 12/17-18/14 with boiler operating loads >90%.